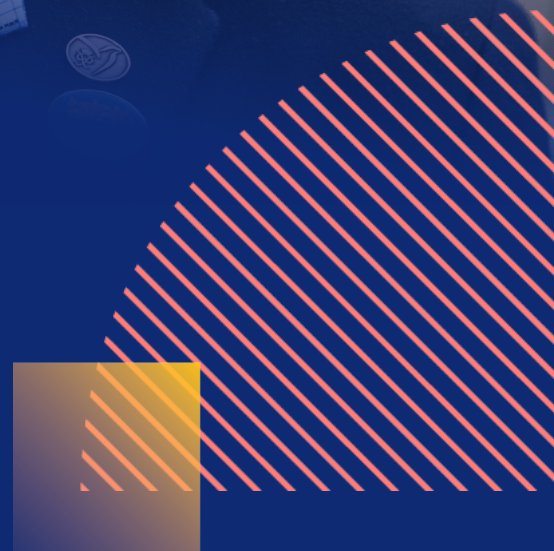




**Strathcona**  
GIRLS GRAMMAR

# Teaching and Learning Curriculum Guide

SENIOR SCHOOL





# Unstoppable in any direction

At Strathcona, we strive to fit the school to the girl, not the other way around. Each and every Strathcona girl has her own unique ambitions and abilities, which we support through a robust curriculum and a varied and diverse co-curricular program, from ELC to VCE.





This guide features invaluable insights to the pathways and options available to Strathcona girls as they undertake the most formative years of their education. It clearly lays out the core subjects available to students across their journey with us, with options awaiting discovery in our extensive co-curricular program.

Strathcona's curriculum offers a rich foundation in the core Learning Areas that underpin not just a strong education, but a distinctive, future-focused academic experience shaped by depth, rigour, and opportunity. This includes English, Mathematics, Science, Humanities, Art and Design, Technology, Performing Arts, Languages, and Health and Physical Education. Each discipline branches out across the years to offer specialisation in a girl's chosen field, with an emphasis on creative problem-solving, collaboration, and the development of essential life skills.

Alongside this is our dynamic co-curricular program, offering a wide array of enriching courses, activities, and experiences that broaden and elevate your daughter's learning journey. Through its focus on wholebeing and excellence, our enacted curriculum embodies Strathcona's promise to nurture mind, body, and spirit while fostering self-belief, adaptability, and lifelong balance.

Strathcona's vibrant co-curricular program encompasses Music, Outdoor Education, Camps, Debating, Drama, Clubs, and a wide range of Sports providing students with empowering opportunities for experiential learning, performance, and leadership from ELC to Year 12. We are proud of our strong global connections through sister schools and exchanges in South Korea, Chile, Japan, Tanzania and France, with further tours and international opportunities expanding in our future.

At Strathcona, we know each girl brings her own unique ambitions and abilities, which we nurture through a robust academic curriculum, a vibrant co-curricular program, and our nationally recognised 'SOUL and Feliciter' Wholebeing Program. But there is so much more to discover. Anchored by our long-established House system and shaped by our meaningful partnerships with families, community, tertiary providers and industry, Strathcona offers the perfect balance: a school large enough to provide wide-ranging opportunities, yet personal enough that every student is known, valued, and has a place to belong.

## Contents

### TEACHING AND LEARNING

- 02** Teaching and Learning: an Overview
- 03** Innovation in Learning
- 04** Extension and Support Programs
- 05** Learning for Life
- 06** VCE Pathways
- 08** Subject Selection

### SUBJECTS AND PATHWAYS

- 14** Art and Design
- 20** English
- 29** Health and Physical Education
- 37** Humanities
- 48** Languages
- 60** Mathematics
- 70** Performing Arts
- 78** Science
- 86** Technology

### 96 KEY CONTACTS

Whatever pathway your daughter chooses, she is sure to find the one that suits her best at Strathcona — **where unstoppable women begin.**



# Teaching and Learning

## AN OVERVIEW

Strathcona Girls Grammar Teaching and Learning for Years 7-12 is designed to provide a comprehensive and enriching educational experience that prepares students for future success.

The school's approach encompasses a strong curriculum, additional enrichment programs and a wide range of extra-curricular activities. The school offers a range of programs designed to enhance students' learning experiences, foster their talents and passions, and encourage personal growth. These programs provide opportunities for students to explore new areas of interest, engage in intellectual pursuits, develop leadership skills, and cultivate their creativity.

Our Middle School curriculum at Years 7 and 8 offers a diverse range of subjects, encouraging students to try new things and explore. Each subject encourages students to think critically and creatively, develop global awareness and work cooperatively, establishing the skills needed for lifelong learning.

Students in Year 9 are at a key stage of their development and potentially at a turning point in their academic careers. At Strathcona we have long realised that this age group requires something special. Since 1970, the unique Tay Creggan campus has been our base for Year 9. The learning program offered at Tay Creggan provides students with a positive attitude to learning, an ability to make connections between subjects and real world issues and a supportive awareness of their development — physically, intellectually, emotionally and ethically.

The Senior School curriculum at Strathcona has been designed to support students choosing pathways for success in VCE and beyond. Students are supported by specialist VCE teachers who ensure that students achieve academic excellence as well as building positive relationships with students.







# Innovation in Learning

At Strathcona we equip our students to be effective lifelong learners who engage in deep learning, who are exposed to complex, non-routine, unfamiliar problems in an authentic environment.

Across Years 7 to 9, students are exposed to innovative learning through our future-focused inquiry subjects that equip students with the building of their learner capabilities such as critical thinking, creativity, resilience and collaboration skills. These subjects provide students with agency and link closely to our Wholebeing vision for students.

The Wholebeing Project in partnership with Melbourne University has identified that Strathcona has a significant, positive and well-intentioned focus on wellbeing and intervention. The report has highlighted opportunities for growth across the school, but particularly in the design of learning experiences, both inside and outside of the middle year's classrooms.

## SOUL

An acronym for Self, Others, Us and Love, SOUL's overarching concepts are guided by central ideas such as Who am I? What is Diversity? Relationships and Individuals and works within the Wholebeing model of 'Me, We, Us'. These four pillars direct the programming for each school term alongside key social and emotional learning competencies such as self-awareness and self-management, social awareness and relationship skills, and responsible decision-making skills.

### YEAR 7 » SOUL:

Year 7 students undertake a year-long subject called Year 7 SOUL designed to support their transition into Middle School and develop the personal, social and emotional capabilities needed to flourish. Through the Wholebeing framework, students explore their sense of self, build positive relationships, strengthen their wellbeing and develop the confidence to contribute meaningfully to their community.

Students engage in learning experiences that focus on personal identity, emotional awareness, respectful relationships, communication, organisation and study habits, digital wellbeing and decision-making. They are encouraged to think critically about themselves and the world around them, develop empathy for others and build the skills required to navigate challenges with resilience and confidence. Students focus on a different SOUL concept each term and complete an inquiry task using Design Thinking principles.

Through these experiences, students develop a strong foundation for lifelong learning, wellbeing and positive engagement with others.

### YEAR 8 » SOUL:

Year 8 SOUL supports students to further develop their sense of agency, leadership and social responsibility. The program encourages students to deepen their understanding of themselves and others while exploring how they can positively influence their community and the wider world.

Through a range of collaborative and inquiry-based learning experiences, students develop skills in leadership, advocacy, ethical decision-making and communication. The program emphasises student voice, personal responsibility and creating opportunities for young people to lead with confidence, compassion and purpose. Students focus on a different SOUL concept each term and complete an inquiry task using Design Thinking principles.

By the end of Year 8, students are equipped with the skills, knowledge and dispositions needed to contribute positively to their communities and continue their journey as capable, connected and courageous learners.

### YEAR 9 » ENVISION

Envision is a year-long journey designed to equip students with the knowledge, skills and attitudes necessary to succeed in today's rapidly changing world. The subject is divided into two main parts. The first part is focused on developing general capabilities such as critical thinking, problem-solving, creativity, communication, collaboration, and digital literacy. These skills are fundamental to succeed in both personal and professional life and will help individuals navigate the challenges of the 21st century.

The second aspect of Envision is focused on teaching skills for entrepreneurship. This includes developing business plans, understanding customers and competitors, using financial spreadsheets, and ways to run a successful business. Ways to pivot, develop independence and persevere are also important cornerstones of this program.

Throughout the year, students will engage in a variety of learning experiences including workshops, group discussions, and practical activities. Guest speakers also form an important aspect of the Envision program, as do our city excursions in Term 1. Students will also have the opportunity to reflect on their learning and receive feedback from peers and teachers.

#### The concepts of this subject are:

- » Melbourne & me
- » Upskill
- » Entrepreneurship
- » Frame my future.





# Extension and Support Programs

## ENRICHMENT PROGRAM

Enrichment in the Senior School focuses on extending student knowledge within the current curriculum. Students are provided with opportunities to participate in a variety of activities, group projects, challenges and competitions to further increase their knowledge and extend their thinking abilities. The Enrichment program also provides an opportunity for students to work within their peer group at Strathcona and liaise with students from other schools in Victoria.

Strathcona also offers enrichment through several external competitions and learning opportunities. These can include:

- » Tournament of Minds
- » Australian Mathematics Competition (AMC)
- » University of New South Wales (UNSW) Mathematics Challenge
- » Maths Talent Quest (MTQ)
- » Science Talent Quest
- » Debating and Public Speaking Competitions
- » Australian Geography Competition
- » Australian History Competition.

## LEARNING ENHANCEMENT PROGRAM

Learning support in the Senior School is provided to students that require additional support with their learning. Students in Years 7 to 10 are invited to enrol in Learning Enhancement classes, which replaces one of the Language Other Than English (LOTE) classes. Literacy intervention is provided to improve student writing, spelling, and reading abilities and to support students' understanding of the content in their English classes.

In collaboration with teachers, students are supported with the understanding and completion of assessments in all subject areas, including assistance with organisation and time management. In Years 11 and 12, students work in small groups with the Learning Enhancement staff for subject support during their study sessions.



# Learning for Life

## ACADEMIC TUTORING PROGRAM

At Strathcona we offer support for all students through our Academic Tutor program. Our past high achieving students offer one-on-one support Monday-Thursday in the Knowledge exchange from 3.30-5.30pm. VCE students are further supported by the tutors through specialised sessions.

## LEARNING LEGACY PROGRAM

Strathcona's Learning Legacy Program (LLP) is designed to equip all students with appropriate study skills for their year levels and which they can carry with them from Strathcona to further education and life-long learning. From Year 7 to Year 12, students engage in skills sessions, lectures, small group tutorials and Masterclasses that give them the skills they need to complete their studies successfully.

In Years 7 to 9, students receive explicit instruction in these skills which are reinforced by their subject teachers in the context of each discipline. Skills introduced at this level include using OneDrive to organise their work for all subjects, notetaking, research and referencing, using Maple, using email to communicate with teachers, creating study timetables, and balancing study, extra-curricular and other commitments.

In Years 10 to 12, students are allocated Learning Legacy periods in their timetables. These sessions are less structured than in earlier years, as students use the skills they have

already acquired to manage their studies independently. Each week subject teachers arrange study sessions to support students across the curriculum. Some sessions provide regular general support for students in specific subjects.

Other sessions are Masterclasses, focused on the specific skills needed for each subject. Lectures and visiting speakers are also arranged at these times.

## OUTDOOR EDUCATION PROGRAMS

All Strathcona's camps are part of a journey-based sequence of outdoor and experiential education that stretches from ELC to Year 10. Each year level presents different outdoor educational opportunities based on the particular needs and stages of intellectual and physical development, and builds upon previous skills and experiences. The types of activities, venue location and time of year are set to support achieving a combination of the following aims:

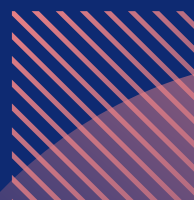
- » Growth mindset
- » Leadership
- » Problem solving
- » Community responsibility
- » Environmental appreciation and action
- » Mindfulness.

These programs are designed to foster a social and emotional growth that is unique to girls' outdoor education. The sequence in the Senior School supports the broader learning of the students.

## CHRISTIAN AND VALUES EDUCATION

Christian Education classes allow students to engage in current world issues through a lens of faith and biblical values. Our Junior School students and Years 7 to 8 students have regular Assemblies and Christian Education classes to explore Christian values.

Students explore the five major world religions and are introduced to shared values of "loving others as they love themselves". Discussion and personal reflection on religion and values is encouraged. Students are encouraged to consider Body, Mind and Spirit as part of the core values to live by.



# VCE Pathways

Strathcona offers a diverse range of VCE pathway options to support the unique strengths and aspirations of every student.

These include the VCE (Victorian Certificate of Education), VCE Vocational Major (VM), and the Victorian Pathways Certificate (VPC). Students will receive personalised guidance and advice from Senior leaders in Teaching and Learning and the Head of Careers on the most suitable pathway. This ensures that each student is empowered to select the pathway that best aligns with their interests, skills, and future goals. At Strathcona, we are committed to helping every student find a VCE pathway that leads to meaningful success beyond school.

## VCE REQUIREMENTS

The selection of a VCE course of study needs to be based upon the student's interests, academic achievements and desired tertiary course and career options. Students entering VCE plan a two-year course. Studies are made up of Units numbered 1, 2, 3 and 4, with each Unit completed over a semester.

To complete the Victorian Certificate of Education, students in the State must satisfactorily complete a minimum of 16 Units of study, which include:

- » A minimum of three Units from the English group, with at least one at the Units 3 and 4 level

**Note:** The Victorian Tertiary Admissions Centre (VTAC) advises that for the calculation of a student's Australian Tertiary Admissions Rank (ATAR), satisfactory completion of both Units 3 and 4 of an English sequence is required.

Although the minimum number of Units is 16 to gain the VCE, students at Strathcona will be expected to take 22 Units over the course of their VCE. This means:

- » **12 Units (six subjects) while in Year 11**, including English Units 1 /2 or English as an Additional Language (EAL) Units 1 and 2 and/or Literature Units 1 and 2
- » **10 Units (five subjects) while in Year 12**, including English Units 3 and 4 or English as an Additional Language (EAL) Units 3 and 4 and/or Literature Units 3 and 4

**Note:** Students should not undertake six Units 3 and 4 subjects in Year 12.

Only a maximum of six Units 3 and 4 studies can contribute to a student's ATAR at the end of Year 12. Students are encouraged to discuss the study of particular VCE or VET subject with Leaders in Teaching and as well as Strathcona's Head of Careers and Pathways.

## VCE VOCATIONAL MAJOR

The VCE Vocational Major (VCE VM) is a two-year vocational and applied learning program, now placed directly in the VCE. It is designed to equip students with the essential skills for work, further education and personal pursuits as an active and engaged member of society.

This is a great choice for students who prefer to learn in a real-world, work environment and don't need an ATAR for their post-school goals. This is a good pathway to an apprenticeship, traineeship, further study, or directly into a job. Students study core units – English, Foundational Mathematics, Work Related Skills and Personal Development Skills – and complete 180 hours of Vocational Education and Training (VET) at Certificate II level or above.

The VCE VM has no external examinations, other than the General Achievement Test (GAT) or in some VCE VET programs. This

means students will not receive a study score for VCE VM subjects or an ATAR. Students can add VCE subjects and VCE VET programs to their VCE VM learning program.

## VICTORIAN PATHWAYS CERTIFICATE

The Victorian Pathways Certificate (VPC) is a foundation secondary qualification for students who may not be able or ready to complete a certificate at VCE level and need flexibility in learning. The VPC is at Australian Qualifications Framework Level 1. It offers an engaging curriculum and additional support for you to develop the work-related skills and capabilities you need to succeed. The VPC is normally completed in Year 11 and 12, but it is flexible so it can be started earlier or finished over a longer period than 2 years. The coursework is designed and delivered at a more accessible level than the VCE or VCE Vocational Major.

Students can study the VPC at their own pace and your teachers will assess progress through a range of classroom learning activities. Students will still complete English, Foundation Mathematics, Work related skills and personal development skills as well as a VET course. When students have finished the VPC program, they will be awarded a Victorian Pathways Certificate. Students that are interested in exploring the VPC will need to discuss this with their families and the Dean of Learning Futures.





## VCE BACCALAUREATE

The VCE Baccalaureate is an additional form of recognition for students who undertake a more challenging program of study in their VCE. Awarded by the VCAA, it acknowledges students who complete the VCE with a strong focus on English and Mathematics, alongside a language or high-level science subject.

To be eligible, students must successfully complete an English subject, Mathematical Methods or Specialist Mathematics, and a Language.

### Core Requirements:

- **English/Literature/English Language:** Satisfactory completion of a Unit 3-4 sequence with a study score of 30 or more (or 33 or more for EAL).
- **Mathematics:** Satisfactory completion of a Unit 3-4 sequence in either Mathematical Methods or Specialist Mathematics.
- **Language:** Satisfactory completion of a Unit 3-4 sequence in a VCE Language.
- **Additional Studies:** Completion of at least two other Unit 3-4 sequences.

The VCE Baccalaureate does not attract additional ATAR points but signals a breadth and depth of learning that is highly regarded by universities and employers. This recognition encourages students to extend themselves and engage in a rigorous and well-rounded VCE program.

## VCE HIGHER EDUCATION STUDIES

The VCE Higher Education Studies (HES) program enables high-achieving students to undertake university-level subjects during their

VCE. Offered in partnership with universities, these studies fall into two categories:

### • Extension Studies:

Advanced subjects building upon a related VCE Unit 3 and 4 study, typically allowing progression to second-year university study upon successful completion.

### • Advanced Standing Studies:

First-year university subjects not available within the VCE curriculum, offering students exposure to new academic disciplines.

Participation provides academic challenge, potential credit towards university degrees, and contributes to VCE completion as an unscored Unit 3 and 4 sequence. Additionally, it may enhance the ATAR as a fifth or sixth study increment, subject to certain conditions.

Eligibility is determined by universities and schools, considering factors such as academic performance and prerequisites. Programs are delivered through various modes, including on-campus, school-based, or distance education, depending on the institution.

## THE OPTION OF AN UNSCORED VCE PATHWAY

At Strathcona, we recognise that each student's journey through the VCE and Senior Years is unique. While the majority of our Year 12 students continue to complete their VCE with an ATAR, there are thoughtful and valid reasons why some may choose to complete their VCE on an unscored pathway.

Choosing to go unscored is not about stepping back from academic ambition; rather, it reflects a deliberate decision aligned with a student's personal goals, wellbeing, and post-school plans. For some, pursuing a creative

portfolio, early entry into tertiary courses, or vocational pathways does not require an ATAR. Others may seek to manage significant commitments outside school, whether family, sport, or personal health, where removing the pressure of external exams enables them to engage with learning in a more sustainable and fulfilling way.

At Strathcona, we take this decision seriously. It is never made lightly or without careful consultation between the student, her family, and the School. Our priority is ensuring that every student leaves Strathcona equipped with the confidence, skills, and values to thrive beyond our gates, whether or not an ATAR is part of that journey.

Ultimately, the unscored VCE pathway reflects our commitment to placing the individual student at the centre of her learning experience. It is one of the many ways we support our girls to live with purpose, balance, and integrity as they shape their futures. If you or your daughter would like to consider a VCE Unscored Pathway for Year 12 please contact our Head of Senior School Academics.



# Subject Selection

Students are offered a wide variety of Subjects and Pathways at Strathcona.

## CORE SUBJECTS

|                             |            |                                                        |
|-----------------------------|------------|--------------------------------------------------------|
| English or EAL              | Humanities | Mathematics<br>(see options in Mathematics department) |
| Health & Physical Education | Science    | Envision                                               |

## LANGUAGES

Choose one - See Languages Department for further options

## ELECTIVES

Pick two term-based electives across the year  
See Performing Arts, Art and Design and Technology Department Areas for further options

|                                  | YEAR 11                                                                                                                                                                    | YEAR 12                                                                                                                                                                  | SUITABLE FOR                                                                                                                       |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>TRADITIONAL VCE</b>           | 6x VCE Units 1&2                                                                                                                                                           | 5x VCE Units 3&4                                                                                                                                                         | Most VCE Students                                                                                                                  |
| <b>ACCELERATION #1</b>           | 5x VCE Units 1&2<br>1x VCE Units 3&4                                                                                                                                       | 5x VCE Units 3&4                                                                                                                                                         | Students with a B+ average in Year 10                                                                                              |
| <b>ACCELERATION #2</b>           | 4x VCE Units 1&2<br>2x VCE Units 3&4                                                                                                                                       | 4x VCE Units 3&4                                                                                                                                                         | Very few students with straight A grades in Year 10                                                                                |
| <b>TRADITIONAL VCE + VCE VET</b> | 5x VCE Units 1&2<br>1x VCE/VET Units 1&2                                                                                                                                   | 4x VCE Units 3&4<br>1x VCE VET Units 3&4                                                                                                                                 | Students interested in a traditional VCE with a vocational component                                                               |
| <b>VOCATIONAL MAJOR</b>          | VCE Units 1 & 2 English<br>VCE Units 1&2 General or Foundation Maths<br>Work related skills (online)<br>Personal development skills (online)<br>VCE VET subject (external) | VCE Units 3&4 English<br>VCE Units 3&4 General or Foundation Maths<br>Work related skills (online)<br>Personal development skills (online)<br>VCE VET subject (external) | Students who seek a vocational pathway and do not require an ATAR                                                                  |
| <b>UNSCORED</b>                  | 6x VCE Units 1&2 (S or N only - no grades)                                                                                                                                 | 5x VCE Units 3&4 (s or n only - no grades)                                                                                                                               | Students who do not require an ATAR for tertiary entry                                                                             |
| <b>REDUCED LOAD</b>              | 4 or 5 VCE Units 1&2                                                                                                                                                       | 4 VCE Units 3&4                                                                                                                                                          | Students with extraordinary external commitments such as sport, dance, or cultural activity. Students experiencing health concerns |

## ONLINE SUBJECT SELECTION

Students in Years 8-11 in early Term 3 will complete online subject selection. The subject preferences form for the following year is received via email. Students will then enter their preferences ranking which subject electives they would most like to undertake.

Please note that every effort to cater for student subject selections and combinations will be made. Subjects and classes will be assigned as the school timetable and minimum/maximum class sizes permit. If changes and adjustments need to be made that change students preferences, parents and students will be contacted.

The Careers Centre provides the latest information that will help students make decisions about their future career and life beyond school. Students can use the Maple Careers page to locate University information and any other type of course across Australia and obtain further information about VCE. Students will be offered Careers programs throughout Years 9 and 10 including Morrisby testing. Students in Year 10 and VCE will be offered careers counselling to ensure they are supported in selecting their VCE program.



## SUBJECT CHOICES

In Years 7 to 8, students are able to choose a Language to study – French or Chinese. In Year 9, students have the opportunity to study a number of elective subjects, in addition to the core subjects. Students have choice in the Language they choose to study and a choice in TC Arts – Art, Music, Media, Drama and Food Technology. Some students may also be invited into a Mathematics Extension course.

## ACCELERATION IN VCE

Students who consistently achieve high academic results and demonstrate strong learning behaviours may be permitted to accelerate in Year 10, 11 or 12 (through studying a university extension program).

Students that are offered acceleration in their VCE pathway are expected to study six VCE Units 3 and 4 sequences, completing a maximum of one VCE Units 3 and 4 sequence in Year 11, and five Unit 3 and 4 sequences in Year 12.

In very rare occasions (only a few per year), students take two Units 3 and 4 studies in Year 11. This is only considered where the student has the necessary background at the Units 1 and 2 level (such as in Mathematical Methods and Chinese) and a very high academic standard has been maintained.

To help make informed decisions in this process, Strathcona has an application process. To be considered for accelerating in a Unit 1/2 at Year 10 or a Unit 3/4 in Year 11, your application needs to be approved by the VCE subject selection panel. The decision will take into account:

- » Year 9 and Year 10 minimum grade average of at least B+ (75%)
- » Good time management
- » Consistent, strong learning behaviours
- » Demonstrated academic resilience – for many students, the challenges of Year 10 and Year 11 are enough
- » Approval from the VCE subject selection panel

### Acceleration Subjects in Year 10:

- » Chinese 2nd Language
- » Chinese Second Language (Advanced)
- » Chinese First Language
- » Biology
- » Health and Human Development
- » Mathematical Methods
- » Politics
- » Food Studies
- » Theatre/Drama
- » Applied Computing
- » VET (Sport & Recreation, Creative & Digital Media, Hospitality)

### Acceleration Subjects in Year 11:

- » Mathematical Methods
- » Global Politics
- » Business Management
- » Extended Investigation
- » Health and Human Development
- » Physical Education
- » Chinese First Language
- » Chinese Second Language Advanced
- » Chinese Second Language
- » Theatre Studies/Drama
- » Music

| FROM                                        | TO                                        | ACADEMIC REQUIREMENT                                                                    |
|---------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------|
| Year 9                                      | Units 1&2 Subject in Year 10              | B+ Average in Year 9 and B+ in Year 9 English/EAL                                       |
| Year 9 Extension and Enrichment Mathematics | Units 1&2 Mathematical Methods in Year 10 | 85% in Year 9 Maths and B+ in Year 9 English/EAL                                        |
| Year 9 Chinese Proficient                   | Units 1&2 Chinese                         | B+ in Year 9 Chinese Proficient                                                         |
| Year 10                                     | Units 3&4 Subject in year 11              | B+ in Unit 1&2 of Relevant Subject (if taken) and B+ in Year 10 English/EAL and Year 10 |
| Year 10                                     | 2 Units 3&4 Subjects in Year 11           | B+ in Relevant Subjects (if taken) and an A Average in Year 10 English/EAL and Year 10  |
| Year 10 Units 1&2 Mathematical Methods      | Units 3&4 Mathematical Methods in Year 11 | B+ in Units 1&2 Mathematical Methods                                                    |



# Year 10 Subject Selections

As students enter Year 10, they will begin to take greater ownership of their learning by selecting subjects that align with their interests, strengths, and future aspirations. This is an important stage in their academic journey, offering the opportunity to personalise their program and explore potential pathways in preparation for senior years and life beyond school.

## TYPICAL YEAR 10 SEMESTER BREAKDOWN

We prioritise ensuring that students receive their preferred electives wherever possible. In some cases, this may result in students completing two Humanities subjects, two Science subjects, or multiple electives within the same Semester, rather than having them evenly distributed across the year.

| SEMESTER 1                                                                                         | SEMESTER 2                                                                                            |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| English or EAL<br>Maths<br>Science (Core)<br>Commerce<br>Health and PE<br>Elective 1<br>Elective 2 | English or EAL<br>Maths<br>Science (Elective)<br>History<br>Health and PE<br>Elective 3<br>Elective 4 |

### MATHS OPTIONS

- Year 10 Foundation Maths
- Year 10 Standard Maths
- Year 10 Advanced Maths
- Year 11 Maths Methods

### FULL-YEAR ELECTIVES OPTIONS

- French
- Chinese
- Unit 1/2 subject
- Learning Enhancement (can be one or two semesters)

### UNIT 1/2 ACCELERATION OPTIONS

- Unit 1/2 Chinese (SL, SLA, FL)
- Unit 1/2 Biology
- Unit 1/2 Health and Human Development
- Unit 1/2 Food Studies
- Unit 1/2 Theatre/Drama
- Unit 1/2 Applied Computing
- Unit 1/2 Politics

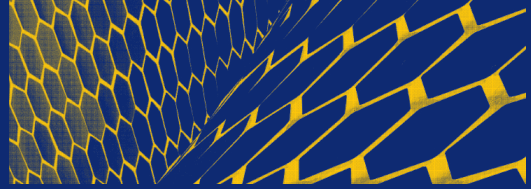
### SCIENCE OPTIONS

- Biology/Psychology
- Chemistry/Physics

### SEMESTER-BASED ELECTIVES OPTIONS

- Design and Innovate
- Art
- Food Studies
- Literature
- Music
- Digital Technology
- Exercise Science
- Drama
- Theatre





# VCE Subject Selections

As students enter Year 11 and 12, they begin to make more focused decisions about their learning, selecting subjects that align with their interests, strengths, and post-school aspirations. This stage marks a significant step in shaping their future pathways—whether that involves university, TAFE, employment, or other opportunities. The VCE program offers flexibility and choice, allowing students to tailor their studies to support both their academic goals and personal growth as they prepare for life beyond school.

## TYPICAL\* VCE SUBJECT LOAD

\*A typical VCE subject load will differ for some students. The large majority of students will complete 6 subjects in Year 11 and 5 subjects in Year 12, however, there is the capacity to reduce this load for some students based on health or other extenuating circumstances.

| YEAR 11                                                                                       | YEAR 12                                                                          |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| English or EAL or Literature<br>Subject 2<br>Subject 3<br>Subject 4<br>Subject 5<br>Subject 6 | English or EAL or Literature<br>Subject 2<br>Subject 3<br>Subject 4<br>Subject 5 |

## ATAR CALCULATION

| The ATAR is calculated from an aggregate produced by adding together:                                                                                 |                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Top 4 subjects contribute 100% of their study score to this aggregate<br><br>(English must be in this top 4 whether it is in the top 4 scores or not) | English or EAL or Literature |
|                                                                                                                                                       | Subject 2                    |
|                                                                                                                                                       | Subject 3                    |
|                                                                                                                                                       | Subject 4                    |
| Bottom 2 subjects each contribute 10% of their study score to the aggregate                                                                           | Subject 5                    |
|                                                                                                                                                       | Subject 6                    |

## VOCATIONAL EDUCATION AND TRAINING

Vocational Education and Training (VET) provides students with the opportunity to gain practical skills and industry-recognised qualifications while completing their VCE or VCE VM. VET programs are nationally accredited and offer hands-on learning in a wide range of fields such as hospitality, health, business, trades, and technology. These programs are designed in partnership with industry, helping students develop relevant skills for the workplace or further training. VET can contribute towards VCE units, provide a scored or unscored VCE study, and support direct pathways into apprenticeships, traineeships, TAFE, or future employment.

### Most frequent VET locations:

- » Box Hill Institute
- » Swinburne Senior Secondary College
- » Holmesglen Institute
- » Elly Lukas Beauty Therapy College

### Most common VET courses:

- » Early Childhood Education and Care
- » Allied Health
- » Sport and Recreation
- » Hospitality and Cookery
- » Animal Care
- » Information Technology

## UNIT 3/4 ACCELERATION

Year 11 students may have the opportunity to accelerate by undertaking a Unit 3/4 subject a year early. Completing a Unit 3/4 sequence in Year 11 allows students to gain valuable experience with VCE assessments and can contribute to their ATAR when they complete Year 12. Students wishing to accelerate must apply, and approval is based on factors such as academic readiness, work ethic, and teacher recommendation. It is important to note that completing the Unit 1/2 sequence of a subject in Year 10 does not automatically guarantee progression into the Unit 3/4 sequence the following year. Each application is carefully considered to ensure the student is set up for success.

### Unit 3/4 Acceleration Options:

- » Unit 3/4 Chinese (SL, SLA, FL)
- » Unit 3/4 Biology
- » Unit 3/4 Health and Human Development
- » Unit 3/4 General Mathematics
- » Unit 3/4 Politics
- » Unit 3/4 Drama/Theatre
- » Unit 3/4 Business Management
- » Unit 3/4 Physical Education
- » Unit 3/4 Maths Methods



# Art and Design

YEAR 7

Art

YEAR 8

Art

YEAR 9

TC Art

YEAR 10

Art  
(Semester  
elective)Design &  
Innovate  
(Semester  
elective)

YEAR 11

VCE  
Units 1 & 2  
ArtVCE  
Units 1 & 2  
Visual  
Communication  
Design

YEAR 12

VCE  
Units 3 & 4  
ArtVCE  
Units 3 & 4  
Visual  
Communication  
Design



## YEAR 7

### Art

Students identify, analyse and evaluate how other traditional and contemporary artists use materials, techniques and processes to express ideas and convey meaning. They reflect and respond to a theme and the creative art process to draw upon experiences, observation and imagination to develop ideas using visual thinking strategies. Through the introduction and use of art elements and principles, they begin to understand how visual language is created and used to communicate ideas. Students then apply this to their own artmaking to create expressive and imaginative ceramic, drawing, painting and mixed media artworks.

#### The major topics of this subject are:

- » Drawing
- » Painting
- » Ceramics

#### In this subject you will learn how to:

- » Analyse and apply the art elements and principles
- » View and appreciate artists and artworks through discussion.
- » Observe, reflect, research and explore various ideas
- » Experiment and develop ideas using a variety of 2D and 3D media
- » Refine and resolve ideas to complete finished artworks
- » Reflect and evaluate their learning in their visual diary

#### How your achievement in this subject will be evaluated:

- » Visual diary
- » Final artwork
- » Written evaluation

#### Why this subject might be of interest to you:

- » To develop creative, critical and reflective thinking
- » To develop 2D and 3D drawing, painting and ceramic media skills
- » To develop knowledge and appreciation for traditional and contemporary art
- » To develop a creative process to express your own meanings and messages through your creative practice.

## YEAR 8

### Art

Students reflect and respond to the world around them and expand their knowledge in artmaking processes. Students work through a theme each semester to assist with the examination of creative, imaginative or issues-based ideas. Students use visual thinking strategies and draw upon research and critical and creative thinking to develop and extend their ideas. Through their growing understanding and use of art elements and principles they understand how visual language is created. Students explore traditional and contemporary artworks and ideas based on a thematic exploration. Students become aware of the visual language used by artists and art movements or periods to communicate ideas and create artworks. They learn to appreciate and understand visual art works and they apply this to their own artmaking.

#### The major topics of this subject are:

- » Textiles
- » Printmaking

#### In this subject you will learn how to:

- » Apply the creative art process to complete a folio demonstrating a personal response to a thematic exploration of ideas, artists and artworks
- » Analyse and apply the art elements and principles
- » Observe, reflect, research and explore ideas
- » Experiment and develop ideas using a variety of textile and printmaking media
- » Refine and resolve ideas to complete finished artworks
- » Reflect and evaluate learning in your visual diary

#### How your achievement in this subject will be evaluated:

- » Visual diary
- » Final artwork
- » Written evaluation
- » Written response to an artwork

#### Why this subject might be of interest to you:

- » To develop creative, critical and reflective thinking
- » To develop textile and printmaking media skills
- » To develop knowledge and appreciation for traditional and contemporary art
- » To develop a creative process to express your own meanings and messages through your creative practice.

## YEAR 9

### TC Art

Students work in 3D art production techniques. Students create an artwork based on creative investigation of individual ideas that reflect and respond to their experiences at TC or in response to a given theme. Students are introduced to metalwork through copper wire, copper sheet and jewellery-making techniques and create designs based on the given theme. Visual responses in exploration and experimentation use design thinking and include drawings, photography to record and develop the designs for a finished artwork, involving creative risks to develop work as a personal response. Students will complete one finished artwork that demonstrates the application of the skills learnt.

#### The major topics of this subject are:

- » Metalwork
- » Jewellery making techniques

#### In this subject you will learn how to:

- » Apply the creative art process to complete a folio demonstrating a personal response to a thematic exploration of ideas, artists and artworks
- » Analyse and apply the art elements and principles
- » Observe, reflect, research and explore ideas
- » Experiment and develop ideas using a variety of 3D media
- » Refine and resolve ideas to complete finished artworks
- » Reflect and evaluate learning in your visual diary
- » View and explore design styles and movements
- » Develop creative and critical thinking
- » Explore the design field; objects

#### How your achievement in this subject will be evaluated:

- » Visual diary
- » Final artwork
- » Written evaluation

#### Why this subject might be of interest to you:

- » To develop creative, critical and reflective thinking
- » To develop 3D jewellery making skills
- » To develop knowledge and appreciation for traditional and contemporary art
- » To develop a creative process to express your own meanings and messages through your creative practice.



## YEAR 10

### Art

In Year 10 Art, students deepen their understanding of how and why artists bring their ideas to life through various visual arts practices. They refine their personal aesthetic by actively engaging and responding as artists or audience members. They learn to identify and explain how artists and viewers interpret artworks by exploring different perspectives.

While creating and analysing visual artworks, students use conceptual explanations to critically reflect on the contributions of visual arts practitioners. They adapt ideas, images, and techniques from selected artists to inform their own aesthetic, both in the creation and presentation of their artworks.

Students explore visual arts from diverse cultures, eras, and regions, reflecting on the evolution of traditional and contemporary art styles. They also expand their knowledge of safe visual arts practices and opt for sustainable materials, techniques, and technologies.

#### The major topics of this subject are:

- » Ceramics
- » Painting
- » Painting

#### In this subject you will learn how to:

- » Complete skillful and personal finished artworks
- » Explore traditional and contemporary studio practices
- » Reflect and analyse your own and other artists work and consider the ways in which artists work use visual language
- » Use the art process, and visual and design thinking practices to develop ideas and imagery
- » Explore creative, critical and reflective thinking routines to resolve ideas and complete finished artwork
- » Respond to how traditional and contemporary artists use art to express ideas

#### How your achievement in this subject will be evaluated:

- » Maintenance of a visual diary to record art practice and skill development tasks
- » Three finished artworks
- » Written research task
- » Examination

#### Why this subject might be of interest to you:

- » To develop creative, critical and reflective thinking
- » To develop sculpting, printmaking, drawing and painting media skills
- » To develop knowledge and appreciation for traditional and contemporary art
- » To develop a creative process to express your own meanings and messages through your creative practice

## YEAR 10

### Design & Innovate

Students use design thinking for creative, critical and reflective design practices in solving potential design solutions. They gain skills in visual language and understand how it can be used to convey ideas, information and messages in the fields of communication, environmental and industrial design. Students learn to explore the design process to generate and develop visual communications. They develop an awareness of aesthetics, functionality, and how to use the elements and principles of design and media.

#### The major topics of this subject are:

- » The double-diamond design process
- » Elements and principles of design
- » Visual language and communication
- » Explore three fields of design; messages, interactive experiences and environments
- » Design in context

#### In this subject you will learn how to:

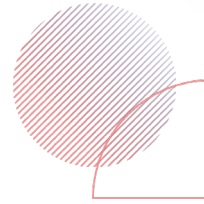
- » Identify and analyse past and present examples of good design across various design fields
- » Apply the stages of the design process to generate, refine, resolve and present a design solution from a brief identifying a communication need
- » Select and use manual and digital methods, media, materials and design elements and principles appropriate for the design of the communication need
- » Apply two-dimensional and three-dimensional drawing methods with appropriate technical drawing conventions.
- » Annotate design ideas and concepts using design terminology to explain and evaluate design decisions

#### How your achievement in this subject will be evaluated:

- » Maintenance of a visual diary to document the design process
- » Technical drawing and model making development tasks
- » Environmental, communication and industrial design presentations
- » Written research tasks
- » Examination

#### Why this subject might be of interest to you:

- » To develop creative, critical and reflective thinking
- » To develop 2D and 3D media skills
- » To develop knowledge and appreciation for traditional and contemporary design
- » To develop a creative process to use to solve real-world problems.





## VCE UNITS 1 & 2

### Art Creative Practice

Students use experiential learning to explore ideas using the creative practice. As the artist and audience, students consider their connection to artworks, and how their communication of ideas and presentation of artworks challenge, shape and influence viewer or audience perspectives. They focus on the making of art and examine how artists communicate ideas and meaning in artworks using the lenses while developing their own art practice. They experiment with a range of approaches to develop technical skills and promote creative thinking through the study of both traditional and contemporary art practices. They are guided through an experiential learning process to research, explore, experiment and develop, and to evaluate and reflect upon their use of the creative practice.

#### The major topics of this subject are:

- » Unit 1: Interpreting artworks and exploring the creative practice
- » Unit 2: Interpreting artworks and developing the creative practice

#### In this subject you will learn how to:

- » Use the art creative practice to create a folio
- » Trial a variety of media, materials and techniques
- » Investigate the artistic and collaborative practices of artist
- » Use of interpretive lenses to examine artworks from different periods of time and cultures
- » Complete a body of work and final artworks using a variety of media

#### How your achievement in this subject will be evaluated:

- » Folio with exploration of ideas, materials and techniques
- » Final artwork
- » Written responses to artworks

#### Why this subject might be of interest to you:

- » To develop creative, critical and reflective thinking
- » To develop 2D and 3D media skills
- » To develop knowledge and appreciation for traditional and contemporary art
- » To develop a creative process to express your own meanings and messages through your creative practice.

## VCE UNITS 1 & 2

### Visual Communication Design

Students are introduced to the practices and processes used by designers to identify, reframe and resolve human-centred design problems. They learn how design can improve life and living for people, communities and societies, and how understandings of good design have changed over time. Students draw on these insights to determine communication needs and prepare design criteria in the form of a brief. This process of discovery introduces students to the phases of the design process and to the modes of divergent and convergent thinking. Students integrate these ways of thinking into design projects across specialist fields.

#### The major topics of this subject are:

- » Reframing and solving design problems
- » Design's influence over different places and times
- » Cultural ownership and design

#### In this subject you will learn how to:

- » Analyse past, present and personal conceptions of good design across various design fields
- » Apply the stages of the design process to present a design solution from a brief identifying a communication need with annotations using correct design terminology
- » Select and use 2D and 3D manual and digital methods, media, materials and design elements and principles appropriate for the design of the communication need
- » Explain and evaluate design decisions
- » Identify and apply legal and ethical obligations relevant to communication design practice

#### How your achievement in this subject will be evaluated:

- » A written response exploring conceptions of good design, documenting human-centred research methods and findings relating to a design problem
- » A written brief identifying a communication need
- » Folio demonstrating the stages of the design process to develop a sustainable object, create visual language for a business or brand, create an environmental design, and to create an interface for an interactive digital product, environment or service
- » Examination

#### Why this subject might be of interest to you:

- » To develop creative, critical and reflective thinking
- » To develop 2D and 3D drawing and media skills
- » To develop knowledge and appreciation for traditional and contemporary design
- » To develop a creative process to use to solve real-world problems.

## VCE UNITS 3 & 4

### Art Creative Practice

Students use inquiry and project-based learning to explore ideas and experiment with materials, techniques and processes. Students research historical and contemporary artists to inform the basis of their investigation, as well as the issues that may arise from the artworks they view and discuss. The students use the Interpretive Lenses throughout the students' art practice as students grow their understanding of the relevance of art theory to their own practice. They use critical and creative thinking skills to explore and develop, refine, resolve the student's body of work and the presentation of their ideas in a final artwork.

#### The major topics of this subject are:

- » Unit 3: Investigation, ideas, artworks and the creative practice
- » Unit 4: Interpreting, resolving and presenting artworks and the creative practice

#### In this subject you will learn how to:

- » Use the art creative practice to create a folio
- » Trial a variety of media, materials and techniques
- » Investigate the artistic and collaborative practices of artist
- » Use of interpretive lenses to examine artworks from different periods of time and cultures
- » Complete a body of work and final artworks using a variety of media

#### How your achievement in this subject will be evaluated:

- » Folio with exploration of ideas, materials and techniques
- » Final artwork
- » Written responses to artworks

#### Why this subject might be of interest to you:

- » To develop creative, critical and reflective thinking
- » To develop 2D and 3D media skills
- » To develop knowledge and appreciation for traditional and contemporary art
- » To develop a creative process to express your own meanings and messages through your creative practice.

## VCE UNITS 3 & 4

### Visual Communication Design

Students explore and experience the ways in which designers work. Through a study of contemporary designers practising in one or more fields, students gain deep insights into the processes used to design messages, objects, environments and/or interactive experiences. Students explore the design process, resolving design concepts and presenting solutions for two distinct communication needs that address design criteria specified in the brief. Manual and digital methods, media and materials are explored together with design elements and principles. When design concepts are resolved, students devise a pitch to communicate and justify their design decisions, before responding to feedback through a series of final refinements.

#### The major topics of this subject are:

- » Professional design practice
- » Design analysis
- » Design process: defining problems, developing ideas, refining and resolving design concepts
- » Presenting design solutions

#### In this subject you will learn how to

- » Describe and compare past, present and future professional design practices and the role of visual language in selected field(s) of design practice
- » Explain the economic, technological, cultural, environmental and social factors that influence design practices
- » Identify and analyse design practices that acknowledge ethical and legal obligations
- » Use visual language to communicate ideas and/or information to specific audiences, and for specific purposes and contexts in selected field(s) of design practice

- » Incorporate relevant conventions, legal and ethical obligations in documentation or presentation drawings in selected fields of design practice

#### How your achievement in this subject will be evaluated:

- » A comparative case study of designers and design examples in selected design field(s)
- » Folio with two communication needs and final design Presentation
- » Written assignments
- » Examination

#### Why this subject might be of interest to you:

- » To develop creative, critical and reflective thinking
- » To develop 2D and 3D drawing and media skills
- » To develop knowledge and appreciation for traditional and contemporary design
- » To develop a creative process to use to solve real-world problems.





# English

## YEAR 7

English

English as  
an additional  
language

## YEAR 8

English

English as  
an additional  
language

## YEAR 9

English

English as  
an additional  
language

## YEAR 10

English

English as  
an additional  
language

Literature  
Semester  
elective

## YEAR 11

VCE  
Units 1 & 2  
English

VCE  
Units 1 & 2  
English as  
an additional  
language

VCE  
Units 1 & 2  
Literature

VCE Units  
1&2 English  
Language

## YEAR 12

VCE  
Units 3 & 4  
English

VCE  
Units 3 & 4  
English as  
an additional  
language

VCE  
Units 3 & 4  
Literature



## YEAR 7

### English

Year 7 English at Strathcona is designed to develop students' ability to communicate effectively, both orally and in writing, for a range of purposes and audiences. Students learn that language varies according to audience, purpose and context. They explore the power of language and the ways it can influence roles and relationships, and represent ideas, information and concepts. Students are guided through a variety of texts including graphic and text novels, films, and poetry. Additionally, Year 7 English intends to foster in students a love of reading, with frequent visits to the Knowledge Exchange as part of the Strathcona Wide Reading program.

#### The major topics of this subject are:

- » Analytical response to written and visual texts
- » Oral presentation
- » Debating
- » Creative response to text
- » Poetry
- » Education Perfect modules

#### In this subject you will learn how to:

- » Identify and analyse the literal and implied meanings of prescribed texts, novels, and films
- » Identify and justify interpretations of text using supporting evidence
- » Speak, listen, read, view and write with enjoyment, purpose, effect and confidence in a wide range of contexts
- » Utilise linguistic devices in both creative and analytical writing

#### How your achievement in this subject will be evaluated:

- » Descriptive writing task
- » Analytical response to texts
- » Oral presentation
- » Debating
- » Creative response to text

#### Why this subject might be of interest to you:

- » English helps to create confident communicators, imaginative thinkers and informed citizens. It is through the study of English that individuals learn to analyse, understand, communicate with and build relationships with others and with the world around them.

## YEAR 7

### English as an Additional Language

#### - *Invitation only*

The Year 7 EAL course aims to address your needs as of students for whom English is a second language through a curriculum which both prepares you for VCE English and VCE English as an Additional Language. You will develop fundamental English language and literacy skills via texts drawn from a range of times, cultures, forms and genres. This will help you to extend your skills in responding to the texts you read and view, and your abilities in creating original texts, to further expand your language to reflect accurately the purpose, audience and context of your responses.

#### The major topics of this subject are:

- » Analytical response to written and visual texts
- » Oral presentation
- » Debating
- » Creative response to text
- » Poetry

#### In this subject you will learn how to:

- » Make personal connections with, and explore the vocabulary, text structures, language features and ideas in, a text
- » Interpret, create, evaluate and discuss a wide range of literary texts
- » Create a range of creative, informative and persuasive types of texts

#### How your achievement in this subject will be evaluated:

- » Throughout the week you are assigned writing and speaking tasks. These are not competency-based tasks
- » Education Perfect modules

#### Why this subject might be of interest to you:

- » English as an Additional Language enables you to participate in your diverse, dynamic and multicultural world productively and positively.



## YEAR 8

### English

The Year 8 English learning journey involves learning about English language, literature and literacy through a variety of texts and oral activities. Students will continue to develop their listening, speaking, reading, and writing skills. The Year 8 course offers students the chance to engage with a breadth of texts across genres and time periods and encourages all students to be imaginative thinkers and informed citizens who learn to analyse, understand and build relationships with others and the world around them.

#### The major topics of this subject are:

- » Analytical response to texts.
- » Oral presentation
- » Debating.
- » Creative response to text
- » Media and advertising
- » Education Perfect modules

#### In this subject you will learn how to:

- » Identify and analyse the literal and implied meanings of prescribed texts, novels, and films
- » Identify and justify interpretations of text using supporting evidence
- » Speak, listen, read, view and write with enjoyment, purpose, effect and confidence in a wide range of contexts
- » Utilise linguistic devices in both creative, persuasive and analytical writing

#### How your achievement in this subject will be evaluated:

- » Analytical responses to texts
- » Oral presentation and debates
- » Creative responses to text
- » Persuasive response to text

#### Why this subject might be of interest to you:

- » English helps to create confident communicators, imaginative thinkers and informed citizens. It is through the study of English that individuals learn to analyse, understand, communicate with and build relationships with others and with the world around them.

## YEAR 8

### English as an Additional Language

#### - *Invitation only*

The Year 8 EAL course aims to address your needs as of students for whom English is a second language through a curriculum which both prepares you for VCE English and VCE English as an Additional Language. You will develop fundamental English language and literacy skills via texts drawn from a range of times, cultures, forms and genres. This will help you to extend your skills in responding to the texts you read and view, and your abilities in creating original texts, to further expand your language to reflect accurately the purpose, audience and context of your responses.

#### The major topics of this subject are:

- » Analytical response to texts
- » Oral presentation
- » Debating
- » Creative response to text
- » Media and advertising

#### In this subject you will learn how to:

- » Make personal connections with and explore the vocabulary, text structures, language features and ideas in a text
- » Interpret, create, evaluate and discuss a wide range of literary texts.
- » Create a range of creative, informative and persuasive types of texts

#### How your achievement in this subject will be evaluated:

- » Throughout the week you are assigned writing and speaking tasks: these are not competency-based tasks
- » Education Perfect modules

#### Why this subject might be of interest to you:

- » English as an Additional Language enables you to participate in your diverse, dynamic and multicultural world productively and positively.



## YEAR 9

### English

The Year 9 English experience involves learning about language and literature through a variety of texts and oral activities. Students will continue to develop and hone their listening, speaking, reading, and writing skills. The Year 9 course offers students the chance to engage with a breadth of texts across genres and time periods and encourages all students to be imaginative thinkers and informed citizens who learn to analyse, understand and build relationships with others and the world around them.

#### The major topics of this subject are:

- » Analytical responses to written and visual texts
- » Oral presentation
- » Creative response to text
- » Analysis of argument

#### In this subject you will learn how to:

- » Make personal connections with and explore the vocabulary, text structures, language features and ideas in a text
- » Demonstrate an understanding of effective and cohesive writing through the crafting of your own texts designed for a specific context and audience to achieve a stated purpose
- » Interpret, create, evaluate and discuss a wide range of literary texts
- » Develop critical understanding of the contemporary media, and the differences between media texts
- » Create a range of imaginative, informative and persuasive types of texts
- » Explore and analyse persuasive texts within the context of a contemporary issue, including the ways argument and language can be used to position an audience

#### How your achievement in this subject will be evaluated:

- » Analytical responses to texts
- » Creative responses to text
- » Oral presentation
- » Analysis of argument and language in media texts
- » Mid-year and end-of-year examinations

#### Why this subject might be of interest to you:

- » English helps to create confident communicators, imaginative thinkers and informed citizens. It is through the study of English that individuals learn to analyse, understand, communicate with and build relationships with others and with the world around them.

## YEAR 9

### English as an Additional Language

#### - Invitation only

The Year 9 EAL course aims to address your needs as of students for whom English is a second language through a curriculum which both prepares you for VCE English and VCE English as an Additional Language. You will develop fundamental English language and literacy skills via texts drawn from a range of times, cultures, forms and genres. This will help you to extend your skills in responding to the texts you read and view, and your abilities in creating original texts, to further expand your language to reflect accurately the purpose, audience and context of your responses.

#### The major topics of this subject are:

- » Analytical response to texts
- » Oral presentation
- » Analysing argument in visual and written texts
- » Creative response to texts

#### In this subject you will learn how to:

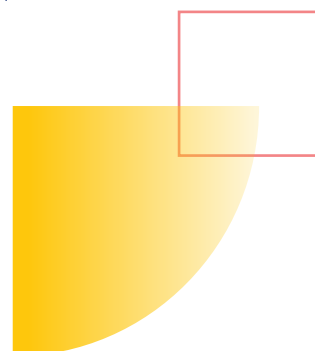
- » Make personal connections with and explore the vocabulary, text structures, language features and ideas in a text
- » Demonstrate an understanding of effective and cohesive writing through the crafting of your own texts designed for a specific context and audience to achieve a stated purpose
- » Interpret, create, evaluate and discuss a wide range of literary texts
- » Create a range of creative, informative and persuasive types of texts
- » Explore and analyse persuasive texts within the context of a contemporary issue, including the ways argument and language can be used to position an audience

#### How your achievement in this subject will be evaluated:

- » Throughout the week you are assigned writing and speaking tasks: these are not competency-based tasks
- » Education Perfect modules

#### Why this subject might be of interest to you:

- » English as an Additional Language enables you to participate in your diverse, dynamic and multicultural world productively and positively.





## YEAR 10

### English

The study of English empowers students to read, write, speak and listen in different contexts. Year 10 English prepares students for the demands of VCE English or English as an Additional Language (EAL). Through engagement with texts drawn from a range of times, cultures, forms and genres, students develop insight into a varied range of ideas. They extend their skills in responding to the texts they read and view, and their abilities in creating original texts, further expanding their language to reflect accurately the purpose, audience and context of their responses.

#### The major topics of this subject are:

- » Personal response to a text
- » Crafting texts
- » Reading and exploring texts
- » Exploring argument
- » Education Perfect modules

#### In this subject you will learn how to:

- » Make personal connections with, and explore the vocabulary, text structures, language features and ideas in, a text
- » Demonstrate an understanding of effective and cohesive writing through the crafting of your own texts designed for a specific context and audience to achieve a stated purpose
- » Interpret, create, evaluate and discuss a wide range of literary texts
- » Develop critical understanding of the contemporary media, and the differences between media texts
- » Create a range of imaginative, informative and persuasive types of text

- » Explore and analyse persuasive texts within the context of a contemporary issue, including the ways argument and language can be used to position an audience

#### How your achievement in this subject will be evaluated:

- » Personal response writing task
- » A crafting text writing unit
- » An analysis of argument and language essay
- » Oral presentation
- » Mid-year and end-of-year examinations

#### Why this subject might be of interest to you:

- » English enables students to participate in their diverse, dynamic and multicultural world productively and positively
- » This subject will prepare students with the key knowledge and critical thinking skills required to undertake VCE English.

## YEAR 10

### English as an Additional Language

#### - *Invitation only*

The study of English empowers students to read, write, speak and listen in different contexts. Year 10 English as an Additional Language prepares students for the demands of VCE English or English as an Additional Language (EAL). Through engagement with texts drawn from a range of times, cultures, forms and genres, students develop insight into a varied range of ideas. They extend their skills in responding to the texts they read and view, and their abilities in creating original texts, further expanding their language to reflect accurately the purpose, audience and context of their responses.

#### The major topics of this subject are:

- » Personal response to a text
- » Crafting texts
- » Reading and exploring texts
- » Exploring argument
- » Education Perfect modules

#### In this subject you will learn how to:

- » Make personal connections with, and explore the vocabulary, text structures, language features and ideas in, a text
- » Demonstrate an understanding of effective and cohesive writing through the crafting of your own texts designed for a specific context and audience to achieve a stated purpose
- » Interpret, create, evaluate and discuss a wide range of literary texts
- » Develop critical understanding of the contemporary media, and the differences between media texts
- » Create a range of imaginative, informative and persuasive types of texts

- » Explore and analyse persuasive texts within the context of a contemporary issue, including the ways argument and language can be used to position an audience

#### How your achievement in this subject will be evaluated:

- » Personal response writing task
- » A crafting text writing unit
- » An analysis of argument and language essay
- » Oral Presentation
- » Mid-year and end-of-year examinations

#### Why this subject might be of interest to you:

- » English as an Additional Language enables students to participate in their diverse, dynamic and multicultural world productively and positively
- » This subject will prepare students with the key knowledge and critical thinking skills required to undertake VCE English as an Additional Language.

## YEAR 10: ELECTIVE

### Literature

Year 10 Literature aims to foster students' enjoyment and appreciation of the artistic and aesthetic merits of stories and storytelling and enables students to participate more fully in cultural conversations. By reading and exploring a diverse range of established and emerging literary works, students become increasingly empowered to discuss texts. As both readers and writers, students extend their creativity and high-order thinking to express and develop their critical and creative voices.

#### The major topics of this subject are:

- » Introduction to literary genres and movements
- » Creative response
- » Close focus analysis
- » Developing an interpretation of a text
- » Adaptations and transformations

#### In this subject you will learn how to:

- » Explore the concerns, ideas, style and conventions common to a distinctive type of literature seen in literary movements or genres
- » Consider how language, structure and stylistic choices are used in different literary forms and types of text
- » Reflect on the degree to which points of view, experiences and contexts shape your own and others' interpretations of text
- » Focus on the text and its historical, social and cultural context
- » Focus on how the form of a text contributes to its meaning and reflect on the extent to which adapting the text to a different form, and often in a new or reimagined context, affects its meaning, comparing the original with the adaptation
- » Develop and produce both analytical and creative response to texts

#### How your achievement in this subject will be evaluated:

- » Research task
- » Creative response task
- » Close focus analysis task
- » Interpretation of a text
- » Adaptations and transformations task
- » Oral presentation
- » Mid-year and end-of-year examinations

#### Why this subject might be of interest to you:

- » This subject will prepare students with the knowledge and skills required to undertake Literature at Years 11 and 12
- » The study of Literature enriches vocabulary, enhances communication and writing skills as well as builds capacity for critical thinking.

## VCE UNITS 1 & 2

### English

Units 1 & 2 English builds on classroom knowledge and skills, focusing on more complex texts. Students analyse challenging texts to deepen their understanding of the world, drawing out possible meanings and developing personal responses. Through critical analysis, they refine their inferential reading and viewing skills, grappling with multiple levels of meaning.

#### The major topics of this subject are:

- » Personal response to a text
- » Reading and responding to text
- » Crafting texts
- » Exploring argument

#### In this subject you will learn how to:

- » Make personal connections with, and explore the vocabulary, text structures, language features and ideas in, a text
- » Demonstrate an understanding of effective and cohesive writing through the crafting of your own texts designed for a specific context and audience to achieve a stated purpose
- » Describe individual decisions made about the vocabulary, text structures, language features and conventions used during writing processes
- » Explore and analyse how the vocabulary, text structures, language features and ideas in a text construct meaning
- » Explore and analyse persuasive texts within the context of a contemporary issue, including the ways argument and language can be used to position an audience

#### How your achievement in this subject will be evaluated:

- » Personal response
- » An analytical response to text
- » Two written texts constructed in consideration of audience, purpose and context
- » A commentary reflecting on writing processes
- » An analytical response to argument in written form
- » A point of view oral presentation
- » Mid-year and end-of-year examinations.

#### Why this subject might be of interest to you:

- » By developing broad skills in communication and reflection, the study of English enables students to participate in their diverse, dynamic and multicultural world productively and positively.



## VCE UNITS 1 & 2

### English Language

*This subject requires a minimum grade average of B+ (75 – 79%) across Year Ten English.*

VCE English Language explores the ways in which language is used by individuals and groups. Students are informed by the discipline of linguistics and draw on a set of metalinguistic tools to analyse language use, variation and change. The study reveals the structures, features and discourses of written and spoken texts through the systematic and evidence-based construction and deconstruction of language. Students read widely to further develop their analytical skills and to build their understanding of linguistics. Students are expected to read and study a range of historical and contemporary texts, drawn from a variety of contexts and forms, including academic texts and publications. .

#### The major topics of this subject are:

- » The nature and functions of language
- » Language Acquisition
- » English across time
- » Englishes in contact

#### In this subject you will learn how to:

- » Identify and analyse primary aspects of the nature and functions of human language
- » Identify and analyse the subsystems of language: morphology, lexicology, syntax and semantics
- » Identify and analyse the subsystems of language: phonetics and phonology, and discourse and pragmatics
- » Identify and analyse features that distinguish speech from writing, such as paralinguistics and prosodics
- » Identify and analyse metalanguage to discuss aspects of the nature and functions of human language.
- » Analyse changes in the English language over time as reflected in texts

#### How your achievement in this subject will be evaluated:

- » An essay
- » A folio of annotated texts
- » An analytical commentary
- » Analysis of spoken and / or written word
- » Mid-year and end-of-year examinations

#### Why this subject might be of interest to you:

- » By This subject develops skills in close reading, looking at the micro level analysing word classes and how things fit together to create a cohesive text and then again at a macro level: what the overarching purposes of the author's texts are in order to engage with language at its core.

## VCE UNITS 1 & 2

### English as an Additional Language

#### - Invitation only

Units 1 & 2 English as an Additional Language builds on F to 10 classroom knowledge and skills, focusing on more complex texts. Students analyse challenging texts to deepen their understanding of the world, drawing out possible meanings and developing personal responses. Through critical analysis, they refine their inferential reading and viewing skills, grappling with multiple levels of meaning.

#### The major topics of this subject are:

- » Personal response to a text
- » Reading and responding to text
- » Crafting texts
- » Analysing argument

#### In this subject you will learn how to:

- » Make personal connections with, and identify the vocabulary, text structures, language features and ideas in, a text
- » Demonstrate an understanding of effective and cohesive writing through the crafting of your own texts designed for a specific context and audience to achieve a stated purpose
- » Describe decisions made about selected vocabulary, text structures, language features and conventions used during writing processes
- » Identify and develop analysis of how the vocabulary, text structures, language features and ideas in a text construct meaning
- » Explore and develop analysis of persuasive texts within the context of a contemporary issue, including the ways argument and language can be used to position an audience

#### How your achievement in this subject will be evaluated:

- » Personal response
- » An analytical response to text
- » Two written texts constructed in consideration of audience, purpose and context
- » A set of annotations on the student-centred texts, identifying the qualities of effective writing
- » An analytical response to argument in written form
- » A point of view oral presentation
- » Mid-year and end-of-year examinations

#### Why this subject might be of interest to you:

- » By developing broad skills in communication and reflection, the study of English enables students to participate in their diverse, dynamic and multicultural world productively and positively.





## VCE UNITS 1 & 2

### Literature

VCE Literature focuses on the meanings derived from texts, the relationships between texts, the contexts in which texts are produced, and how readers' experiences shape their responses to texts. Students are provided with opportunities to read deeply, widely and critically; to appreciate the aesthetic qualities of texts; and to write creatively and analytically.

#### The major topics of this subject are:

- » Exploring voices of country
- » The text in its context
- » Creative responses to texts
- » Exploration of literary movements and genres
- » Close analysis of texts

#### In this subject you will learn how to:

- » Develop and produce close analysis written, creative writing and/or oral responses to texts
- » Discuss how the literary forms, features and language of texts contribute to meaning.
- » Discuss how students' own views, values and contexts influence their readings of texts
- » Explore, interpret and reflect on different ideas and values represented in literature
- » Apply understanding of other interpretations to your reading of a text(s)
- » Use evidence from the texts to support a response
- » Share and listen to stories within the context of Australian culture and landscapes
- » Explore and analyse how a text represents its historical, social and cultural context

#### How your achievement in this subject will be evaluated:

- » Essay (comparative or analytical)
- » Reading journal entries
- » Close analysis of selected passages
- » Creative response to a text(s) studied
- » Oral or a written review
- » Multimedia response
- » Mid-year and end-of-year examinations

#### Why this subject might be of interest to you:

- » VCE Literature enables students to examine the historical, social and cultural contexts within which both readers and texts are situated
- » This subject will prepare students with the knowledge and skills required to undertake Literature at Year 12
- » The study of Literature enriches vocabulary, enhances communication and writing skills as well as builds capacity for critical thinking.

## VCE UNITS 3 & 4

### English

Units 3 & 4 English builds on F to 10 classroom knowledge and skills, focusing on more complex texts. Students analyse challenging texts to deepen their understanding of the world, drawing out possible meanings and developing personal responses. Through critical analysis, they refine their inferential reading and viewing skills, grappling with multiple levels of meaning.

#### The major topics of this subject are:

- » Reading and responding to texts
- » Creating texts
- » Analysing argument

#### In this subject you will learn how to:

- » Apply reading and viewing strategies to critically engage with a text
- » Write analytically about texts
- » Read and explore mentor texts to understand the mechanics of effective and cohesive writing
- » Experiment with vocabulary, text structures and language features for effective and cohesive writing
- » Plan, create, draft, refine and complete individual writing
- » Reflect on choices made through your writing processes.
- » Analyse the use of argument and language in texts that debate a topical issue
- » Understanding the way in which language and argument complement one another in positioning the reader

#### How your achievement in this subject will be evaluated:

- » Two analytical responses to texts
- » Two written texts constructed in consideration of audience, purpose and context
- » A commentary reflecting on writing processes
- » An analytical response to argument in written form
- » A point of view oral presentation
- » End-of-year examination

#### Why this subject might be of interest to you:

- » By developing broad skills in communication and reflection, the study of English enables students to participate in their diverse, dynamic and multicultural world productively and positively. English (Units 3 & 4) is a pre-requisite to gain entry into some programs, and will be listed under the program's Entry Requirements, if needed.

## VCE UNITS 3 & 4

### English as an Additional Language - *Invitation only*

Units 3 & 4 English as an Additional Language builds on F to 10 classroom knowledge and skills, focusing on more complex texts. Students analyse challenging texts to deepen their understanding of the world, drawing out possible meanings and developing personal responses. Through critical analysis, they refine their inferential reading and viewing skills, grappling with multiple levels of meaning.

#### The major topics of this subject are:

- » Reading and responding to texts
- » Creating texts
- » Analysing argument
- » Listening task

#### In this subject you will learn how to:

- » Listen to and discuss ideas, concerns and values presented in a text, informed by selected vocabulary, text structures and language features and how they make meaning
- » Develop effective writing skills by producing texts, designed to respond to a specific context and audience to achieve a stated purpose
- » Comment on decisions made through writing processes
- » Discuss ideas, concerns and values presented in a text, informed by selected vocabulary, text structures and language features and how they make meaning

#### How your achievement in this subject will be evaluated:

- » Two analytical responses to texts
- » Listening task
- » Two written texts constructed in consideration of audience, purpose and context
- » A set of annotations reflecting on writing processes
- » An analytical response to argument in written form
- » A point of view oral presentation
- » End-of-year examination

#### Why this subject might be of interest to you:

- » By developing broad skills in communication and reflection, the study of English enables students to participate in their diverse, dynamic and multicultural world productively and positively
- » English as an Additional Language (Units 3 & 4) is a pre-requisite to gain entry into some programs, and will be listed under the program's Entry Requirements, if needed.

## VCE UNITS 3 & 4

### Literature

VCE Literature focuses on the meanings derived from texts, the relationships between texts, the contexts in which texts are produced, and how readers' experiences shape their responses to texts. Students are provided with opportunities to read deeply, widely and critically; to appreciate the aesthetic qualities of texts; and to write creatively and analytically.

#### The major topics of this subject are:

- » Adaptations and transformations
- » Developing interpretations
- » Creative responses to texts
- » Close analysis of texts

#### In this subject you will learn how to:

- » Explore the form of a set text by constructing a close analysis of that text
- » Analyse aspects of a text, drawing on close analysis of textual detail, and then discuss the extent to which meaning changes when that text is adapted to a different form
- » Develop interpretations of a set text informed by the ideas, views and values of the set text and a supplementary reading
- » Respond creatively to a text and comment critically on both the original text and the creative response

- » Analyse literary forms, features and language to present a coherent view of a whole text

#### How your achievement in this subject will be evaluated:

- » A written interpretation of a text, supported by close textual analysis, using a key passage
- » An analysis of how textual form influences meaning
- » An initial interpretation of the text's views and values within its historical, social and cultural context
- » A written response that compares and analyses an initial interpretation with a subsequent interpretation, using a key moment from the text
- » A creative response to a text

- » A close analysis of a key passage from the original text, which includes reflections on connections between the creative response and the original text
- » A close analysis of passages from a text, supported by an examination of textual details
- » End-of-year examination

#### Why this subject might be of interest to you:

- » VCE Literature enables students to examine the historical, social and cultural contexts within which both readers and texts are situated.





# Health and Physical Education

YEAR 7



YEAR 8



YEAR 9



YEAR 10



YEAR 11



YEAR 12



\* Acceleration offered



## YEAR 7

### Health and Physical Education

Health and Physical Education will be taught in an integrated curriculum within this subject. In Health Education, students learn positive social behaviours to promote respectful relationships and develop responsible ethical behaviour in the real and digital world. They develop self-esteem and resilience and have the opportunity to create peer connectedness and a sense of community. Students develop knowledge about adolescents' changing bodies and health issues relevant to their age and community. They develop their health literacy.

In Physical Education, students learn to participate safely in sporting activities and develop a broad appreciation of the benefits of physical activity through working as part of a team and participating in practical classes. Students develop and refine fundamental motor and sport specific skills, movement patterns and aquatic skills. Students are provided with opportunities to practise and apply these skills during drills, games and modified sports, in organised game play.

#### The major topics of this subject are:

##### *Physical Education*

- » Fundamental motor skills
- » Aquatics: water safety, stroke development and water polo
- » Invasion sports
- » Net sports
- » Artistic gymnastics
- » Sports aerobics
- » Striking
- » Biathlon

##### *Health Education*

- » Personal identity
- » Puberty, sex education and respectful relationships
- » Nutrition
- » Body positivity
- » Smoking and vaping
- » Accessing health information

#### In this subject you will learn how to:

- » Analyse data
- » Research
- » Compare and contrast
- » Work collaboratively with peers
- » Peer teach
- » Move and coordinate the body for sport specific skills

#### How your achievement in this subject will be evaluated:

- » Performance of proficient motor skills, in simple and increasingly complex skill development activities
- » Development of motor skills which are appropriate to specific major games, activities and sports
- » Participating positively in class
- » Assignments
- » Health workbook completion

#### Why this subject might be of interest to you:

- » For enjoyment
- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for Year 8 Health and Physical Education.

## YEAR 8

### Health and Physical Education

Health and Physical Education will be taught in an integrated curriculum within this subject. In Health Education, students are encouraged to explore healthy behaviours by looking carefully at the protective and risk factors for health and wellbeing. In Physical Education, students learn to participate safely in sporting activities and develop a broad appreciation of the benefits of physical activity through working as part of a team and participating in practical classes. Students develop and refine fundamental motor and sport specific skills, movement patterns and aquatic skills. Students are provided with opportunities in a collaborative and cooperative setting to practise and apply these skills during drills, games and modified sports, in organised game play.

#### The major topics of this subject are:

##### *Physical Education*

- » Minor games
- » Training methods
- » Striking
- » Rhythmic gymnastics
- » Culture through movement
- » Invasion
- » Biathlon

##### *Health Education*

- » Dimensions of health and wellbeing
- » Relationships and sexuality education
- » Risk taking behaviours
- » Health promotion

#### In this subject you will learn how to:

- » Participate safely in sporting activities
- » Develop a broad appreciation of the benefits of physical activity through working as part of a team and participating in practical classes
- » Develop and refine fundamental and game specific motor skills, movement patterns and aquatic skills
- » Explore opportunities in a collaborative and cooperative setting to practise and apply these skills during drills, games and modified sports, in organised game play

- » Explore healthy behaviours by looking carefully at the protective and risk factors for health and wellbeing.

#### How your achievement in this subject will be evaluated:

- » Individual and group work
- » Written assignment
- » Research tasks
- » Positive participating in class
- » Class discussions

#### Why this subject might be of interest to you:

- » For enjoyment
- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for Year 9 Health and Physical Education.

## YEAR 9

### Physical Education

In Physical Education, students learn to participate safely in sporting activities and develop a broad appreciation of the benefits of physical activity through working as part of a team and participating in practical classes. Students develop and refine fundamental motor and sport specific skills, movement patterns and aquatic skills. Students are provided with opportunities in a collaborative and cooperative setting to practise and apply these skills during drills, games and modified sports, in organised game play.

#### The major topics of this subject are:

- » Minor games
- » Canoeing
- » Athletics
- » Games peer teaching
- » Lifestyle fitness
- » Dance
- » Game sense
- » SEPEP (Sport Education In Physical Education Program)

#### In this subject you will learn how to:

- » Participate safely in sporting activities
- » Develop a broad appreciation of the benefits of physical activity through working as part of a team and participating in practical classes
- » Develop and refine fundamental and game specific motor skills, movement patterns and aquatic skills
- » Explore opportunities in a collaborative and cooperative setting to practise and apply these skills during drills, games and modified sports, in organised game play
- » Explore healthy behaviours by looking carefully at the protective and risk factors for health and wellbeing

#### How will my achievement in this subject be evaluated?

- » Individual and group work
- » Written assignment
- » Research tasks
- » Positive participating in class
- » Class discussions

#### Why this subject might be of interest to you:

- » For enjoyment
- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for Year 10 Physical Education

## YEAR 9

### Health

Students are encouraged to explore healthy behaviours by looking carefully at the protective and risk factors for health and wellbeing.

#### The major topics of this subject are:

- » Nutrition
- » Emotional literacy, relationships and resilience
- » Mental health
- » Risk taking behaviours
- » Dimensions of health

#### In this subject you will learn how to:

- » Enhance personal, behavioural, social and cognitive skills and strategies
- » Promote a sense of identity and wellbeing and build and manage respectful relationships

#### How your achievement in this subject will be evaluated:

- » Individual and group work
- » Written assignment
- » Research tasks
- » Positive participating in class
- » Class discussions

#### Why this subject might be of interest to you:

- » For enjoyment
- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for Year 10 Health.



## YEAR 10

### Physical Education

Physical Education develops the learning of the human body and the benefits of physical activity for individuals and others in the wider community. Students experience a range of physical activities, sports and recreational activities. Involvement in these physical activities assists the development of motor skills and fitness, provides challenges, promotes growth, and provides teamwork and leadership opportunities. Through participation in practical classes, students develop socialisation skills, confidence in performance, application of motor skills in a variety of activities and intelligent thinking and strategic planning as part of a team at Strathcona and in the wider community.

#### The major topics of this subject are:

- » Fit for life: lawn bowls, good life gym (pump, dance, cycle, boxing, pilates/yoga), cardio tennis, scavenger hunts and golf frisbee)
- » Game sense: invasion
- » Sport for all
- » Self-defense program

#### In this subject you will learn how to:

- » Participate safely in sporting activities
- » Develop a broad appreciation of the benefits of physical activity through working as part of a team and participating in practical classes
- » Develop and refine fundamental motor and sport specific skills and movement patterns
- » Explore and participate in a range of community based recreational and fitness activities

#### How your achievement in this subject will be evaluated:

- » Development of motor skills which are appropriate to specific games, activities and sports
- » Application of motor skills and decision making in game play
- » Capacity to work as part of a team
- » Positive participation in class
- » Reflections on recreational activity experiences

#### Why this subject might be of interest to you:

- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for VCE Units 1 and 2 and/or Units 3 and 4 Physical Education.

## YEAR 10

### Health Education

Students further develop knowledge in physical, social, emotional, spiritual and mental health and wellbeing and develop skills, self-efficacy and dispositions to advocate for, and positively influence, their own and other's wellbeing. They continue to develop their health literacy. The focus of this subject is to provide students with a well-rounded health education curriculum, using a well-researched, contemporary, value-based health curriculum that is relevant in developing the students' knowledge and skills to navigate their own health behaviours and the current challenges that young women face in the world today with confidence and resilience.

#### The major topics of this subject are:

- » Sexual health, respectful relationships and ethical decision making
- » Global women's health

#### In this subject you will learn how to:

- » Analyse and critique real life practical solutions incorporating implications for risk taking behaviours
- » Explore a values-based approach to decision making
- » Practise decision making and 'exit' strategies when faced with risk taking behaviours, conflict situations and coping strategies for your own and others' mental health

#### How your achievement in this subject will be evaluated:

- » Reflections
- » Case studies
- » Group work
- » Class discussions
- » Positive participation

#### Why this subject might be of interest to you:

- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for VCE Units 1 and 2 and/or Units 3 and 4 Health and Human Development.



## YEAR 10

### Exercise Science

The focus of this elective is on how to improve sporting performance. This is achieved through a study of body systems, training principles, biomechanics, and sports psychology. These topics link to concepts covered in VCE Physical Education. This elective is semester based.

#### The major topics of this subject are:

- » Ways in which the skeletal, muscular, circulatory, respiratory and energy systems respond and adapt to exercise
- » Training methods and principles when training for performance
- » Chronic adaptations that the body undertakes in response to training
- » Sport psychology: How can athletes be motivated to perform to their best?
- » The importance of sleep, motivation, self-confidence, and arousal to optimise sporting performance
- » Understand the biomechanical principles that are acting on an athlete and how this affects skill acquisition principles

#### In this subject you will learn how to:

- » Understand how the body systems function in response to exercise
- » Evaluate a range of psychological strategies which can enhance and improve sports performance
- » Explain components of fitness and investigate appropriate training programs
- » Identify chronic adaptations the body undertakes because of training

- » Understand the biomechanical principles and mechanisms to improve performance
- » Research improvements in sporting performance including the roles of better technology, to optimise forces actions on the athlete

#### How your achievement in this subject will be evaluated:

- » Tests
- » Written report
- » Positive practical participation
- » Investigative tasks
- » Examination

#### Why this subject might be of interest to you:

- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for VCE Units 1 and 2 and/or Unit 3 and 4 Physical Education.



## VCE UNITS 1 & 2

### Physical Education

In Unit 1 students explore how the musculoskeletal and cardiorespiratory systems work together to produce movement. Through practical activities students explore the relationships between the body systems and physical activity, sport and exercise, and how the systems adapt and adjust to the demands of the activity. Students investigate the role and function of the main structures in each system and how they respond to physical activity, sport and exercise.

Unit 2 develops students' understanding of physical activity, sport and society from a participatory perspective. Students are introduced to types of physical activity and the role participation in physical activity and sedentary behaviour plays in their own health and wellbeing as well as in other people's lives in different population groups. Through a series of practical activities, students experience and explore different types of physical activity promoted in their own and different population groups. They gain an appreciation of the level of physical activity required for health benefits. Students investigate how participation in physical activity varies across the lifespan.

#### The major topics of this subject are:

- » How does the musculoskeletal system work to produce to movement?
- » How does the cardiorespiratory system function at rest and during physical activity?
- » What are the relationships between physical activity, sport, health and society?
- » What are the contemporary issues associated with physical activity and sport?

#### In this subject you will learn how to:

- » Perform, observe and analyse a variety of movements
- » Describe and implement the correct application of techniques and physiological strategies
- » Investigate, evaluate and critically analyse a range of performance enhancing practices
- » Assess enablers and barriers

#### How will my achievement in this subject be evaluated?

- » A written report
- » A practical laboratory report linking key knowledge and key skills to a practical activity or practical activities
- » Case study analysis
- » A data analysis
- » A critically reflective folio/diary of participation in practical activities
- » Examination

#### Why this subject might be of interest to you:

- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for VCE Units 3 and 4 Physical Education.

## VCE UNITS 1 & 2

### Health and Human Development

Unit 1 looks at health and wellbeing as a concept with varied and evolving perspectives and definitions. It takes the view that health and wellbeing are subject to a wide range of contexts and interpretations, with different meanings for different people. As a foundation to the understanding of health, students should investigate the World Health Organization's (WHO) definition and explore other interpretations. Wellbeing is a complex combination of all dimensions of health, characterised by an equilibrium in which the individual feels happy, healthy, capable, and engaged. For the purposes of this study, students should consider wellbeing to be an implicit element of health.

Unit 2 investigates transitions in health and wellbeing, and development, from lifespan and societal perspectives. Students look at changes and expectations that are part of the progression from youth to adulthood.

#### The major topics of this subject are:

- » Health perspectives and influences
- » Health and nutrition
- » Youth health and wellbeing
- » Development transitions
- » Health care in Australia

#### In this subject you will learn how to:

- » Develop your ability to navigate information, to recognise and enact supportive behaviours, and to evaluate healthcare initiatives and interventions
- » Take this capacity with you as you leave school and apply their learning in positive and resilient ways through future changes and challenges

#### How will my achievement in this subject be evaluated?

- » Short written report, such as a media analysis, a research inquiry, a blog or a case study analysis
- » Oral presentation, such as a debate or a podcast
- » A visual presentation such as a graphic organiser, a concept/mind map, an annotated poster, a digital presentation
- » Structured questions, including data analysis
- » Examination

#### Why this subject might be of interest to you:

- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for VCE Units 3 and 4 Health and Physical Education.

## VCE UNITS 3 & 4

### Physical Education

Unit 3 introduces students to the biomechanical and skill acquisition principles used to analyse human movement skills and energy production from a physiological perspective. Students use a variety of tools and techniques to analyse movement skills and apply biomechanical and skill acquisition principles to improve and refine movement in physical activity, sport and exercise.

In Unit 4, students analyse movement skills from a physiological, psychological and sociocultural perspective, and apply relevant training principles and methods to improve performance within physical activity at an individual, club and elite level. Improvements in performance, in particular fitness, depend on the ability of the individual and/or coach to gain, apply and evaluate knowledge and understanding of training. Students analyse skill frequencies, movement patterns, heart rates and work to rest ratios to determine the requirements of an activity. Students consider the physiological, psychological and sociological requirements of training to design and evaluate an effective training program.

#### The major topics of this subject are:

- » How are movement skills improved?
- » How does the body produce energy?
- » What are the foundations of an effective training program?
- » How is training implemented effectively to improve fitness?

#### In this subject you will learn how to:

- » Analyse data
- » Conduct a valid and reliable assessment of fitness using ethical protocols
- » Perform, observe, analyse and report on practical laboratory exercises
- » Participate in a variety of physical activities
- » Perform a qualitative analysis of a movement skill

#### How will my achievement in this subject be evaluated?

- » Practical laboratory report
- » Case study analysis
- » Data analysis
- » Critically reflective folio/diary of participation in practical activities
- » Structured questions

#### Why this subject might be of interest to you:

- » In preparation for further study
- » For career skills
- » For life outside work and education.

## VCE UNITS 3 & 4

### Health and Human Development

Unit 3 looks at health, wellbeing and illness as multidimensional, dynamic and subject to different interpretations and contexts. Students begin to explore health and wellbeing as a global concept and to take a broader approach to inquiry. As they consider the benefits of optimal health and wellbeing and its importance as an individual and a collective resource, their thinking extends to health as a universal right. Students look at the fundamental conditions required for health improvement, as stated by the World Health Organization (WHO). While the emphasis is on the Australian health system, the progression of change in public health approaches should be seen within a global context.

Unit 4 examines health and wellbeing, and human development in a global context. Students use data to investigate health status and burden of disease in different countries, exploring factors that contribute to health inequalities between and within countries, including the physical, social and economic conditions in which people live. Students build their understanding of health in a global context through examining changes in burden of disease over time and studying the key concepts of sustainability and human development.

#### The major topics of this subject are:

- » Understanding health and wellbeing
- » Promoting health and wellbeing
- » Health and wellbeing in a global context
- » Health and the sustainable development goals

#### In this subject you will learn how to:

- » Develop the ability to navigate information, to recognise and enact supportive behaviours, and to evaluate healthcare initiatives and interventions
- » Take this capacity with you as you leave school and apply this learning in positive and resilient ways through future changes and challenges

#### How will my achievement in this subject be evaluated?

- » Short written report, such as a media analysis, a research inquiry, a blog or a case study analysis
- » Oral presentation, such as a debate or a podcast
- » A visual presentation such as a graphic organiser, a concept/mind map, an annotated poster, a digital presentation
- » Structured questions, including data analysis
- » Examination

#### Why this subject might be of interest to you:

- » In preparation for further study
- » For career skills
- » For life outside work and education.



VET UNITS 1 & 2

Sports Recreation

The VET/VCE Sport and Recreation Certificate III course offers students a comprehensive foundation in the exciting field of sports and recreation. This course equips students with the knowledge and practical skills needed to pursue a range of rewarding career pathways in the sports industry. Through a combination of theoretical learning and hands-on training, students gain a deep understanding of sports and recreation principles, event management, fitness training, and customer service.

Upon completion of the VET/VCE Sport and Recreation Certificate III course, students have various pathways available to them. Students can explore employment opportunities in sports clubs, fitness centres, leisure centres, and community organisations. They can pursue careers as sports coaches, fitness instructors, event coordinators, or recreation officers. The skills acquired during the course also provide a solid foundation for further education, with possibilities including higher-level qualifications in sports management, exercise science, or physical education.

A VET subject can be undertaken with the VCE certificate or as a part of a Vocational Major.





# Humanities



YEAR 7

YEAR 8

YEAR 9

YEAR 10

YEAR 11

YEAR 12

YEAR 12

Humanities

Humanities

Humanities

Commerce

History

VCE  
Units 1 & 2  
Accounting

VCE  
Units 1 & 2  
Economics

VCE  
Units 1 & 2  
Modern  
History

VCE  
Units 1 & 2  
Legal  
Studies

VCE  
Units 1 & 2  
Global  
Politics\*

VCE  
Units 1 & 2  
Classical  
Studies

VCE  
Units 3 & 4  
Accounting

VCE  
Units 3 & 4  
Economics

VCE  
Units 3 & 4  
History  
Revolutions

VCE  
Units 3 & 4  
Legal  
Studies

VCE  
Units 3 & 4  
Global  
Politics\*

VCE  
Units 3 & 4  
Business  
Management\*

VCE  
Units 3 & 4  
Extended  
Investigation\*

\* Acceleration offered

## YEAR 7

### Humanities

Year 7 students will study one semester each of Geography and History. They will develop geographical skills such as using and creating maps, utilising compasses, measuring distance and understanding scale. Students will explore the SPICISS concepts (Space, Place, Interconnection, Change, Environment, Sustainability and Scale), through case studies and projects relating to water in the world and liveability. In the History subject, students will explore Ancient civilisations, enriching skills in analysing primary and secondary resources, understanding chronology, comparing change and continuity, and developing historical and cultural empathy. Students explore Ancient China, Greece, Rome, or Egypt, examining aspects of the chosen civilisations including daily life, culture, leadership and the role of women.

#### The major topics of this subject are:

- » Water in the world
- » Place and liveability
- » Ancient civilisations

#### In this subject you will learn how to:

- » Use and create maps
- » Understand and apply geographical concepts: Space, Place, Interconnection, Change, Environment, Scale, Sustainability
- » Understand historical thinking skills: historical significance, chronology, use of sources, change and continuity, historical perspectives and empathy

#### How your achievement in this subject will be evaluated:

- » Skills quizzes
- » Individual reflections
- » Collaborative work and presentations

#### Why this subject might be of interest to you:

- » To engage in international studies
- » To explore world issues, politics and cultures
- » For use in career prospects.

## YEAR 8

### Humanities

The Year 8 Humanities course delves into Geography with a focus on landscapes and landforms, and Urbanisation, as well as units on Australian government, History and work futures. Students explore physical and environmental factors that shape the world and investigate their family's migration and history. They learn about Australia's democratic system, Medieval Europe and the Renaissance and the changing nature of work in the 21st century. This subject helps students develop critical thinking, research, and communication skills, preparing them for success in a rapidly changing world.

#### The major topics of this subject are:

- » Landscapes and landforms
- » Urbanisation
- » Governing Australia
- » Medieval Europe
- » Renaissance
- » Work futures

#### In this subject you will learn how to:

- » Differentiate between different landscapes and landforms and understand significance behind them
- » Create, read and analyse maps
- » Research your own family history
- » Understand the factors as to why people migrate to different areas
- » Understand how the Australian Government operates
- » Accurately analyse historical periods.
- » Assess the future of work
- » Locate most/all countries on a map

#### How your achievement in this subject will be evaluated:

- » Tests
- » Portfolios
- » Presentations
- » Research tasks
- » Podcasts
- » Quizzes

#### Why this subject might be of interest to you:

- » This course will develop your humanities skills to prepare you for Year 9
- » Allow you to delve into your own family history and learn more about yourself
- » Understand how the earth functions and important historical periods that shape how we live today
- » Begin to consider potential career directions.







## YEAR 9

### Humanities

In Geography, students identify, analyse and evaluate the multiple terrestrial and aquatic biomes. They develop an understanding of the characteristics of each biome and the global location. Students in Semester 1 will also investigate food security and consider how technologies are helping to solve issues with access for local and global populations. The remainder of the Geography unit incorporates a study of interconnections by exploring multinational corporations and global products and identifying the connections they have to humans. Students will also undertake fieldwork.

In History, students investigate the Industrial Revolution with a focus on England. Students consider the living conditions and worker conditions for different age groups and genders in this period. Following this students consider the European settlement of Australia and utilise sources to explore the colony that was established in Sydney Cove. Part of the course includes investigating the impact of settlement on the Aboriginal populations of Terra Australis. The final part of the course includes learning about the War period from 1914 to 1919 including the home front for women.

#### The major topics of this subject are:

- » Biomes and food Security
- » Interconnections
- » Government and democracy
- » Industrial Revolution
- » Australia (1750-1918)
- » World War One
- » Geographies of human wellbeing
- » Environmental change and management

#### In this subject you will learn how to:

- » Develop digital and hand drawn mapping skills
- » Research and apply information
- » Produce graphs of data including different forms
- » Analyse sources including visual and written documents
- » Create timelines to place period in chronological order
- » Problem solve issues and create solutions which are justified
- » Work collaboratively to deepen understanding

#### How your achievement in this subject will be evaluated:

- » Case study report
- » Independent inquiry tasks
- » Source analysis
- » Test

#### Why this subject might be of interest to you:

- » Develops your understanding of the past
- » Engages you with current global issues
- » Support in preparation for further study.

## YEAR 10

### Commerce

This Year 10 Commerce class offers students a preview of VCE Economics, Legal Studies, Accounting, and Business Management courses. The Economics component covers micro and macro economic principles that affect daily life. The Legal Studies module provides students with an understanding of the Australian legal system, including the structure of the court system and basic principles of criminal and civil law. In Accounting, students learn basic bookkeeping skills and financial statements. Finally, the Business Management component explores the principles of entrepreneurship and business strategy. This diverse class provides students with a solid taster for them to make a more informed decision about their future VCE studies.

#### The major topics of this subject are:

- » Economics
- » Opportunity cost
- » Production possibility frontiers
- » Market structures
- » GDP and standards of living
- » Legal Studies
- » The Australian Executive and Legislative System
- » The Australian Constitution
- » Criminal and Civil Systems
- » Court hierarchy
- » Accounting
- » Accounting assumptions
- » Balance sheets
- » Income statements
- » Business management
- » Business structures
- » Entrepreneurship
- » Business motivations

#### In this subject you will learn how to:

- » Create and explain Economic Graphs (supply and demand, PPF)
- » Think like an economist about choices
- » Understand legal principles
- » Understand your rights and responsibilities as an Australian citizen
- » Create balance sheets
- » Create income statements
- » Review motivations for starting a business

#### How your achievement in this subject will be evaluated:

- » Tests
- » Case studies
- » Exams

#### Why this subject might be of interest to you:

- » To prepare for VCE Humanities classes
- » To understand the commercial world around you
- » To build analysis skills.

## YEAR 10

### History

The study of History enables students to develop the critical thinking skills that are so important in university life, future employment, and the modern world. History enables students to understand more about the present and future, through cultural awareness and knowledge of the past. It helps students to make more informed and better decisions regarding the future and the areas they will contribute to in the future.

History at Year 10 is a single-semester subject, focusing on the global context from 1918 until 1945 by applying the following historical concepts and skills: sequencing chronology, using historical sources as evidence, identifying continuity and change, analysing causes and effect and determining historical significance.

#### The major topics of the subject are:

- » The inter-war period
- » Consequences of World War One
- » Weimar Germany
- » The rise of Nazi Germany
- » World War Two
- » The Holocaust
- » European conflict
- » Asian conflict

#### In this subject you will learn how to:

- » Discern why the transformation of the modern world has led to political turmoil and global conflict
- » Understand the great social, cultural, economic and political changes in the post-World War One era
- » Analyse visual and written sources for meaning
- » Construct arguments supported by historical evidence

#### How your achievement in this subject will be evaluated:

- » Analysis of primary sources and historical interpretations
- » Extended response (essay)
- » Research project and oral presentation
- » End of semester examination

#### Why this subject might be of interest to you:

- » If you are intrigued by our past and want to learn how it will shape our future, you should consider studying history. Building knowledge and understanding of historical events and trends, especially over the past century, enables us to develop a much greater appreciation for current events today, and recognise how we can best adapt to our every-changing society. Studying history can be beneficial for a number of careers, such as law, politics, journalism, and teaching. History offers an opportunity to develop and refine important knowledge and critical thinking skills that are highly sought after in modern workplaces.

## VCE UNITS 1 & 2

### Politics

VCE Politics is the study of contemporary power, conflict and cooperation in a world that is characterised by unpredictability and constant change. In this study students investigate contemporary issues of conflict, political stability and/or change within Australia, the Indo-Pacific region and globally. They consider how national and global political actors respond to issues and crises such as national political reform, climate change, violent conflicts, human rights, sustainability and development, inequality and global economic instability. Students analyse the sources and forms of power available to these political actors and the consequences of their use. Students consider how political actors pursue their interests and the political significance of their actions in responding to national and global issues and crises. Throughout this study, students examine Australia's place in the region and globally.

#### The major topics of the subject are:

- » Politics, Power and Political Actors
- » Democracy: Stability and Change

#### In this subject you will learn how to:

- » Develop knowledge and understanding of contemporary politics and power in Australia, the Indo-Pacific region
- » Understand the interests and perspectives of key political actors, and their sources, forms and use of power, and the political significance of responses to challenges and contemporary issues and crises
- » Examine power, conflict and cooperation in the Indo-Pacific region and globally, including the impact of Australia as a regional and global political actor
- » Understand the principles and processes of democracy through an analysis of contemporary issues facing Australia and the world

#### How your achievement in this subject will be evaluated:

- » A political inquiry
- » Analysis and evaluation of sources
- » A multimedia presentation
- » Extended responses
- » Short-answer questions
- » An essay.

#### Why this subject might be of interest to you:

- » To understand why wars occur in the modern world
- » To form an understanding of how states convince other states to act in their interests
- » To understand some of the key crises that are currently destabilising the world.



## VCE UNITS 1 & 2

### Accounting

This subject explores the establishment of a business and the role of accounting in the determination of business success or failure. In this, it considers the importance of accounting information to stakeholders. Students analyse, interpret, and evaluate the performance of the business using financial and non-financial information.

#### The major topics of this subject are:

- » Investigating the role of accounting in generating financial data and accounting information
- » Using the accrual method for determining profit for a service business operating as a sole proprietor with cash and credit transactions
- » Using both manual methods and ICT to record financial data and report accounting information
- » Applying accounting assumptions and qualitative characteristics and using business documents and indicators to measure business performance in order to consider the success or failure of the business

#### In this subject you will learn how to:

- » Establish a small business
- » Assess factors that lead to the success or failure of a business
- » Examine alternative investment opportunities
- » Understand types of ownership structures such as sole proprietor, partnership, private company, and public company
- » Use accounting elements: assets, liabilities, owner's equity, revenues, expenses, current and non-current assets, and current and non-current liabilities

- » Understand accounting records and reports and information used to assist in judging the success or failure of a business. Ethical considerations when making decisions in relation to establishing or operating a business
- » Interpret the nature of cash and credit transactions
- » Understand the two-fold effect of transactions on the accounting equation
- » Distinguish between cash and profit
- » Examine materials and supplies required by a service business

#### How your achievement in this subject will be evaluated:

- » Structured questions (manual methods and ICT)
- » A folio of exercises (manual methods and ICT)
- » Tests
- » A case study
- » A classroom presentation
- » A feasibility investigation of a business venture
- » Examination

#### Why this subject might be of interest to you:

- » Preparation for Unit 3 & 4
- » Preparation for further studies in Accounting, Business, Commerce, Marketing

## VCE UNITS 1 & 2

### Economics

This curriculum introduces fundamental economic concepts and theories. In Unit 1, students study the basics of microeconomics, including supply and demand, market equilibrium, and the behaviour of economic agents such as consumers, firms, and government. They also learn about government intervention in markets, such as price controls and subsidies. In Unit 2, students focus on macroeconomics, studying topics such as national income, inflation, economic growth and living standards. They also explore two economic issues from a local, national, or international perspective. Overall, these units aim to develop students' understanding of how the economy functions and evaluate the effectiveness of individual and collective responses to economic issues.

#### The major topics of this subject are:

- » Economic tools and concepts
- » The economic agents.
- » Decision making in markets
- » Behavioural economics
- » Economic activity
- » Local, national, and economic issues

#### In this subject you will learn how to:

- » Describe a basic economic problem, discuss the role of consumers, businesses, and the government in the economy, and analyse economic decision-making
- » Explain the role of relative prices and other non-price factors in the allocation of resources in a market-based economy and analyse the extent of competition in markets
- » Explain how behavioural economics complements traditional understandings of decision-making and analyse the effects of behavioural economics insights on consumers and other economic agents
- » Explain the purpose of economic activity, the distinction between material and non-material living standards and the factors that

may affect levels of economic activity and growth, discuss the costs and benefits of economic growth and examine the impact of economic activity on living standards using alternative measures

- » Explain the factors that affect two economic issues at a local, national and international level and evaluate actions to address the issues

#### How your achievement in this subject will be evaluated:

- » Analysis of written, visual, and statistical evidence
- » Case study
- » Structured questions.
- » Problem solving tasks
- » A folio of applied exercises

#### Why this subject may be of interest to you:

- » Economics is the study of how resources are allocated to meet the needs and wants of society. It attempts to explain how and why people behave the way they do and the consequences of their decisions. Additionally, the study of Economics provides you with valuable insight into issues that may affect you individually and as a member of society.

## VCE UNITS 1 & 2

### History: Modern & Empires

In History: Modern and Empires, students continue their understanding of the twentieth century and pick up where the Year 10 course left off, investigating the post-WWII world shaped by ideological battles and social turmoil. Initially, they will understand the causes and course of the Cold War and its various proxy conflicts. They will then investigate the concurrent social transformations that impacted Australia and the world in terms of civil rights, empowerment of women and the challenges of social cohesion.

Unit 2 of the course then provides a foundation for the Unit 3 and 4 History course, Revolutions, students will investigate the Empires that preceded the Russian and/or French Revolutions exploring the nature of Imperial power and how it ruled over its citizens and then how it was destabilized by the rise of the Enlightenment and other socio-political challenges.

#### The major topics of this subject are:

- » Ideology and conflict
- » Social and cultural change
- » Causes course and consequences of the Cold War
- » Nature and structure of Imperial Power and its cultural/political manifestations

#### In this subject you will learn how to:

- » Interpret and analyse sources
- » Analyse continuity and change
- » Analyse and evaluate causes of events and conflict
- » Explain political, economic, social and cultural aspects of historical topics
- » Evaluate historical significance to create arguments about the past

#### How your achievement in this subject will be evaluated:

- » Document analyses
- » Essays
- » Oral presentations
- » Inquiry projects
- » Analysis of historical interpretations

#### Why this subject might be of interest to you:

- » To develop effective and sophisticated research and referencing skills
- » Use critical thinking skills to interpret information
- » Develop holistic understanding of the world
- » To make sense of today by considering the past
- » To offer contextual knowledge that informs your study of other subjects like art, literature, economics and politics
- » To prepare you for the VCE History of Revolutions course. data to bolster your perspective
- » Prepare for further humanities-based studies.

## VCE UNITS 1 & 2

### Legal Studies

This curriculum introduces the Australian legal system and its institutions. In Unit 1, students study the foundations and the role of the courts and the parliament in law making. They also learn about the principles of criminal law, criminal culpability, and the use of the principles of justice and the imposition of sanctions. In Unit 2, students explore the civil law in terms of liability, remedies and how human rights are protected in Australia. Overall, these units aim to develop students' understanding of the legal system and how it functions, as well as their ability to critically evaluate legal issues and make informed decisions.

#### The major topics of this subject are:

- » Foundational knowledge of Australian laws and the Australian legal system
- » How individuals, law and the legal system help to create social cohesion and protect rights
- » The characteristics of effective law and the sources and types of law
- » Proving guilt and the nature and purpose of criminal sanctions
- » Civil rights and remedies.
- » Human rights and how they are protected in Australia

#### In this subject you will learn how to:

- » Describe the main sources and types of law and evaluate the effectiveness of laws. Explain and apply the purposes and key concepts of criminal law and use legal reasoning to argue the criminal culpability of an accused based on actual and/or hypothetical scenarios
- » Discuss the principles of justice in relation to experiences of the criminal justice system and discuss the ability of sanctions to achieve their purposes
- » Explain the purposes and key concepts of civil law and apply legal reasoning to argue the liability in civil law

- » Explain the key concepts in the resolution of a civil dispute, discuss the principles of justice and the ability of civil remedies to achieve their purposes
- » Explain one contemporary human rights issue in Australia and evaluate the ways in which rights are protected in Australia

#### How your achievement in this subject will be evaluated:

- » A folio of exercises
- » Structured questions
- » Research report or media analysis
- » An essay
- » Collaborative work

#### Why this subject might be of interest to you:

- » Legal studies give you the opportunity to explore the institutions and principles that are essential to the Australian legal system. It provides you with the opportunity to develop an understanding of the rule of law, lawmakers, legal institutions, the relationship between the people and the Australian Constitution, the protection of rights in Australia, and the Victorian justice system. Legal studies enable you to become active and informed citizens by providing you with valuable insight into your relationship with the law and the legal system.

## VCE UNITS 1 & 2

### Classical Studies

VCE Classical Studies explores the enduring cultures and ideas of ancient Greece and ancient Rome. These ideas have intrigued and influenced Western societies for centuries. By examining the written works (in translation) and material culture of these two ancient societies, students of Classical Studies develop a rich understanding of the intellectual and cultural life of these cultures.

Study is undertaken by analysing classical works, such as mythologies, written texts, art and artefacts, that were produced in the classical world. Students consider these works in their socio-historical contexts, evaluating and comparing what they reveal about the ideas, beliefs and attitudes of the society in which they were created.

VCE Classical Studies is a foundational Humanities subject – a multifaceted study that encompasses drama, epic poetry, history, philosophy, artworks, architecture and archaeological artefacts.

#### The major topics of this subject are:

- » Mythical Worlds – Gods, Heroes and the Legacy of Myth
- » Myths and Archaeological Practice
- » Classical Worlds – Ideas and beliefs in classical culture
- » Expressing classical cultures

#### In this subject you will learn how to:

- » Analyse classical myths by explaining key features, characters, and heroic traits; evaluate their purposes and societal meanings, compare classical and later works, and assess their enduring influence.
- » Investigate and explore archaeological sites by examining context, artefacts, and evidence in relation to myths; evaluate similarities and differences, assess their significance in proving or challenging myths, and consider ethical issues.
- » Evaluate representations of myths, ideas, and beliefs in classical culture by investigating features, techniques, and significance; compare forms across works, and explain their expression in daily life using supporting evidence.
- » Understand classical works by examining form, narrative, characters, and context; evaluate ideas and techniques, compare with later works, and construct evidence-based arguments on their representation of ancient Greek and Roman thought.

#### How your achievement in this subject will be evaluated:

- » Analytical response to a classical Myth or text
- » Performance or multimedia presentation
- » Research task or report
- » Extended response
- » Responses to short and/or structured questions
- » Analysis of an extract or image(s)

#### Why this subject might be of interest to you:

- » At its core, Classical Studies is truly cross-curricular and explores the worlds of Ancient Greece and Rome through a deliberate integration of disciplines. Students engage with epic literature, visual art and architecture, historical context, philosophical ideas, and dramatic performance traditions.
- » This interdisciplinary nature makes Classical Studies particularly valuable in developing transferable skills such as critical and creative thinking; interpretation of diverse sources; ethical reasoning and philosophical inquiry.
- » Classical Studies complements existing VCE offerings rather than competing with them. It broadens choice and supports academically ambitious students preparing for university-level Humanities study or those interested in seeking an interdisciplinary approach.

## VCE UNITS 3 & 4

### Accounting

VCE Accounting explores the financial recording, reporting, analysis and decision-making processes of a sole proprietor small business. Students study both theoretical and practical aspects of accounting. They collect, record, report and analyse financial data, and report, classify, verify and interpret accounting information, using both manual methods and information and communications technology (ICT).

#### The major topics of this subject are:

- » Record financial data using a double entry system; explain the role of the general journal, general ledger and inventory cards in the recording process; and describe, discuss and analyse various aspects of the accounting system, including ethical considerations
- » Record transactions and prepare, interpret and analyse accounting reports for a trading business
- » Record financial data and balance day adjustments using a double entry system, report accounting information using an accrual-based system and evaluate the effect of balance day adjustments and alternative methods of depreciation on accounting reports
- » Prepare budgeted accounting reports and variance reports for a trading business using financial and other relevant information, and model, analyse and discuss the effect of alternative strategies on the performance of a business

#### In this subject you will learn how to:

- » Acquire knowledge and skills to record financial data and report accounting information in a manner that is appropriate for the needs of the user
- » Develop an understanding of the role of accounting in the management and operation of a business
- » Develop ICT skills in an accounting system
- » Develop understanding of ethical considerations in relation to business decision-making

#### How your achievement in this subject will be evaluated:

- » Tests
- » Folio of exercises
- » A case study
- » Examination

#### Why this subject might be of interest to you:

- » In preparation for further study in commerce, business, marketing courses
- » For career skills.



## VCE UNITS 3 & 4

### Economics

The Year 12 VCE economics class aims to provide students with a comprehensive understanding of macro and microeconomics. The curriculum covers a wide range of topics, including market equilibrium, fiscal and monetary policies, economic growth, and income distribution.

In addition to these core concepts, students are encouraged to apply economic theory to real-world events and contemporary issues, such as globalisation, trade agreements, and climate change. By exploring these topics in depth, students develop critical thinking skills and learn how to analyse and interpret economic data. Ultimately, the goal is to prepare students for success in their future careers by equipping them with the skills needed to navigate a complex and rapidly changing economic landscape.

#### The major topics of this subject are:

- » Microeconomics
- » Production possibility frontiers
- » Types of efficiency
- » Supply and demand
- » Behavioural economics
- » Government intervention & government failure
- » Macro economics
- » Australian economic growth & GDP
- » Inflation
- » Unemployment levels
- » Interest rates
- » Australia's international trade
- » Terms of trade and exchange rates
- » Government demand and supply policies
- » Australian monetary and budgetary policy

#### In this subject you will learn how to:

- » Create and explain economic graphs (supply and demand, PPF)
- » Calculate economic statistics
- » Design a controlled experiment
- » Develop tables and graphs in MS Excel

#### How your achievement in this subject will be evaluated:

- » SAC
- » Data analysis
- » Evaluative essay
- » Media analysis

#### Why this subject might be of interest to you:

- » Understand economic news and how it impacts your life
- » Enhance your capability to form an educated viewpoint by utilising data to bolster your perspective
- » Prepare for further humanities-based studies.

## VCE UNITS 3 & 4

### History: Revolutions

History: Revolutions covers the Russian (1896 to 1927) and French (1774 to 1795) Revolutions, two of the most significant events in modern European history. Students will explore the causes, course, and consequences of these revolutions, including the political, social, and economic factors that led to them. Through primary and secondary source analysis, students will gain an understanding of the key figures and events of each revolution and the impact they had on their respective countries and the world. Students will be challenged to think critically, analyse complex issues, and develop historical literacy skills.

#### The major topics of this subject are:

- » Causes of the Russian Revolution; including Bloody Sunday, World War One, the incompetence of the Tsar and Rasputin
- » Consequences of the Russian Revolution; including Civil War, War Communism and the Terror
- » Causes of the French Revolution; including King Louis XVI and Marie Antoinette, the American War of Independence and the invasion of the Bastille
- » Consequences of the French Revolution; including the Guillotine, the Terror and European War

#### In this subject you will learn how to:

- » Analyse visual and written evidence
- » Construct arguments
- » Write succinctly and coherently
- » Take effective notes
- » Use stories to develop meaning

#### How your achievement in this subject will be evaluated:

- » Document analyses
- » Essays
- » Exam

#### Why this subject might be of interest to you:

- » History gives us stories about the past that help us understand why the world is the way it is today. History helps us develop empathy for the human condition as well as the impact of decision making and good (or bad) leadership. Additionally, studying History promotes the development of important communication and critical thinking skills that are essential in the modern workplace.

## VCE UNITS 3 & 4

### Legal Studies

Legal Studies is a valuable subject as it provides a deep understanding of the legal system, which is an integral part of society. It equips students with the knowledge and skills to navigate the legal system, understand their rights and obligations and develop an understanding of the role of the Australian Constitution and law makers. The criminal and civil justice systems provide students with access to relevant case studies and legal precedents. Students develop critical thinking and problem-solving abilities. Furthermore, Legal Studies is highly regarded by universities and employers, making it an excellent foundation for further education and career opportunities in law, politics, and other related fields.

#### The major topics of this subject are:

- » The Victorian Criminal Justice System
- » The Victorian Civil Justice System
- » The people and the law makers (Parliament and the Courts)
- » The people and law reform

#### In this subject you will learn how to:

- » Explain and evaluate the principles of justice (fairness, equality, access) in the Victorian criminal and civil justice systems
- » Discuss sanctions and their purposes
- » Discuss remedies and their purposes
- » Discuss the ability of courts and parliament to make law
- » Evaluate how the Australian Constitution acts as a check on Parliament
- » Explain the reasons for law reform and constitutional reform.
- » Discuss the ability of individuals to change laws and the Australian Constitution.

- » Evaluate how the Victorian Law Reform Commission and Royal Commissions can influence changes in the law.

#### How your achievement in this subject will be evaluated:

- » Unit 3 School-assessed Coursework: 25 per cent
- » Unit 4 School-assessed Coursework: 25 per cent
- » Class-based activities
- » Homework tasks
- » Content reinforcement tests
- » End-of-year examination

#### Why this subject might be of interest to you:

- » Students become active and informed citizens
- » Provides an insight into their relationship with the law
- » Provides research skills, analysis of legal information
- » Enables students to apply legal reasoning and decision-making skills
- » Leads to further study in the legal field and can lead to a broader range of career opportunities.

## VCE UNITS 3 & 4

### Politics

Continuing on from the Unit 1 & 2 course, Unit 3&4 VCE Politics examines how political events and challenges are shaped by social, economic, historical, cultural, environmental, technological and psychological factors. It develops students' understanding of how norms, laws, perspectives and interests influence governance and the exercise of power. Students analyse contemporary political systems, focusing on how conflicts emerge and are resolved, and evaluate the democratic values underpinning societies such as Australia. Emphasis is placed on current issues and crises – events within the last 10 years – exploring their causes, consequences and competing perspectives. Students consider the roles and influence of political actors and assess how their interests shape national and global outcomes. Through this study, learners build the capacity to think politically in an increasingly interconnected world, recognising tensions between stability and change. Ultimately, VCE Politics equips students to construct informed, critical analyses of political phenomena and to understand their impact on society at local, regional and global levels.

#### The major topics of this subject are:

- » Global issues
- » Contemporary crises
- » Australia in the Indo-Pacific
- » Power and the national interests

#### In this subject you will learn how to:

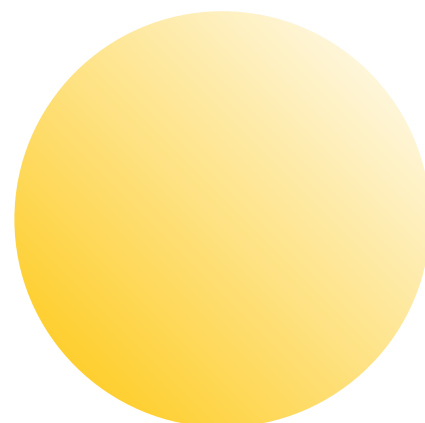
- » Construct arguments
- » Write succinctly and coherently
- » Take effective notes
- » Understand the way different parts of the world interact

#### How your achievement in this subject will be evaluated:

- » Short answer and extended response questions
- » Essay
- » Political inquiry
- » Source Analysis

#### Why this subject might be of interest to you:

- » To understand why wars occur in the modern world
- » To form an understanding of how states convince other states to act in their interests
- » To understand some of the key crises that are currently destabilising the world.



## VCE UNITS 3 & 4

### Business Management

This curriculum provides an in-depth study of business management principles and practices. In Unit 3, students explore business foundations and how businesses operate in dynamic environments. Students also examine the efficiency and effectiveness of key business functions such as human resource management, and operations management. In Unit 4, students focus on business transformation and decision-making. A range of strategies are considered to evaluate business performance and change implementation. Ethical considerations in managing change are also considered. Overall, these units aim to develop students' understanding of how businesses operate and how effective management can impact their success.

#### The major topics of this subject are:

- » Business foundations
- » Human resource management
- » Operations management
- » Business transformation
- » Implementing change

#### In this subject you will learn how to:

- » Analyse the key characteristics of businesses, their stakeholders, management styles and skills, and corporate culture.
- » Explain theories of motivation and apply them to a range of contexts and analyse and evaluate strategies related to the management of employees.
- » Analyse the relationship between business objectives and operations management and propose and evaluate strategies to improve the efficiency and effectiveness of business operations.
- » Explain the way business change may come about, analyse why managers may take a proactive or reactive approach to change, use key performance indicators to analyse the performance of a business, explain the driving and restraining

- forces for change, and evaluate management strategies to position a business for the future.
- » Discuss the importance of effective management strategies and leadership in relation to change, evaluate the effectiveness of a variety of strategies used by managers to implement change, and discuss the effect of change on the stakeholders of a business.
- » **How your achievement in this subject will be evaluated:** Case study analysis
- » Short-answer and extended-answer structured questions.
- » Report
- » Media analysis

#### Why this subject may be of interest to you.

- » Business Management gives you the opportunity to develop knowledge and skills that enhance your confidence and ability to participate effectively as ethical and socially responsible members of society, managers and leaders of the business community, and as informed citizens, consumers, and investors.

## VCE UNITS 3 & 4

### Extended Investigation

This subject offers capable students seeking extra challenges an opportunity to develop their higher order thinking and research skills. It is a Unit 3 and 4 option only, designed for students who have completed one or two Unit 3/4 subjects in Year 11 and who seek to extend themselves by undertaking a pre-tertiary research program, to prepare them for the rigours of tertiary coursework. The VCE Extended Investigation develops students' understanding of what constitutes a good research question. They develop an ethical, robust, disciplined and rational approach to gathering, interpreting and evaluating evidence in order to answer a rigorous research question. The investigation may be an extension of an area of curriculum already undertaken by the student or it may be completely independent of any other study in the student's VCE program. The skills which students develop in this study are transferable to any higher education course or vocational education and training program

#### The major topics of this subject are:

- » Designing a research question
- » Planning and commencing the investigation
- » Presenting an Extended Investigation
- » Presenting the final research report. May use presentation software and/or posters.
- » Defending research finding

#### In this subject you will learn how to:

- » Critically evaluate and think
- » Undertake research

#### How your achievement in this subject will be evaluated:

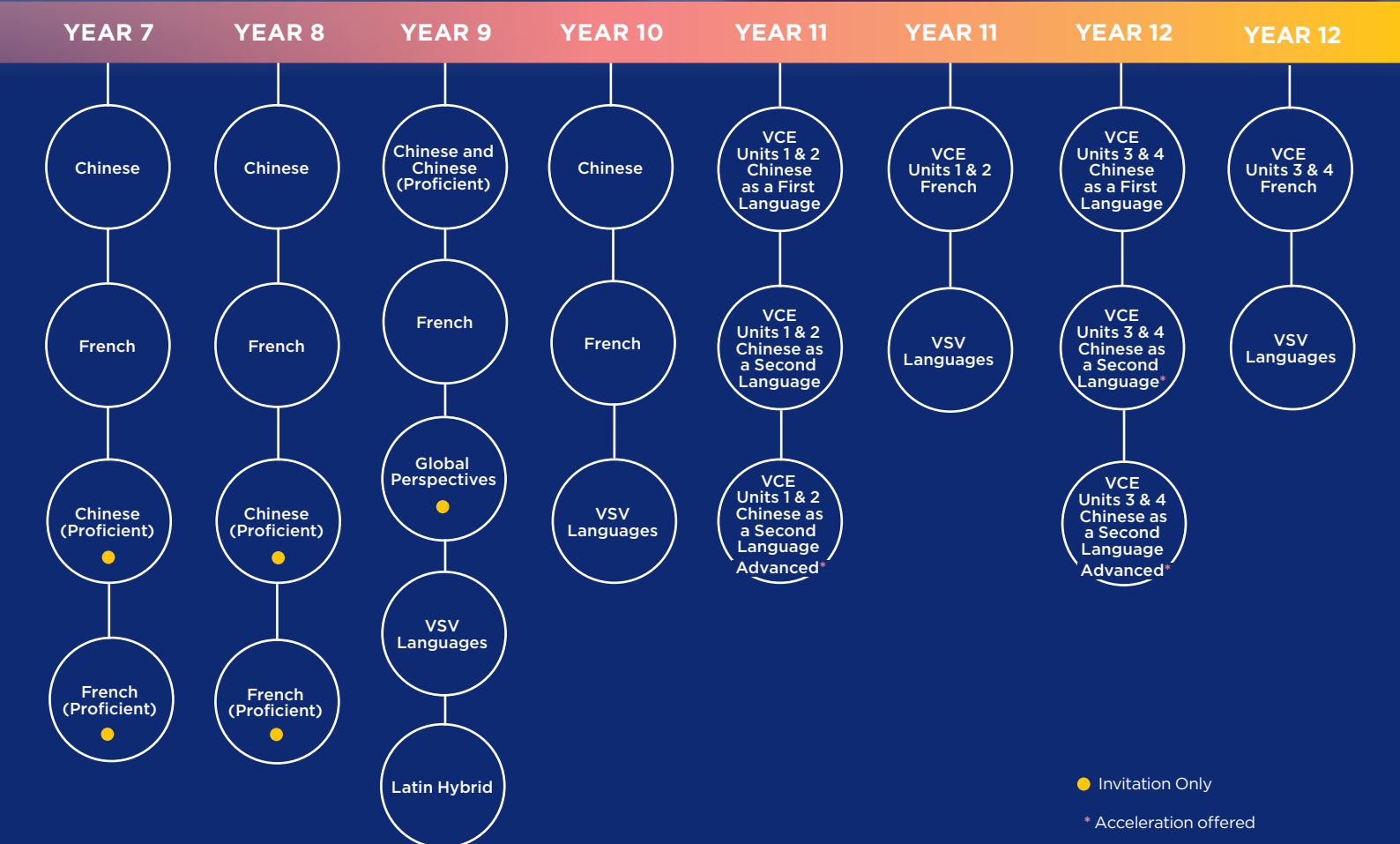
- » Submission of an Extended Investigation journal
- » Demonstrating skill acquisition including, but not limited to, development of critical thinking skills, understanding of research methodologies, literature review skills, evidence of development of research project management and timelines, skill

- development in academic report writing conventions, ethical issues relevant to the question.
- » Completion of a written report (4000 words) for an educated non-specialist audience which presents and evaluates the results of the extended investigation. The report must include an abstract, literature review, methods and findings, an evaluation and conclusion
- » Oral presentation outlining the central issue of the investigation and research data gathered to date.
- » An externally assessed Critical Thinking Online Test consisting of short-answer questions and extended response items.
- » An examination





# Languages



● Invitation Only

\* Acceleration offered

## YEAR 7

### Chinese

Students will develop their skills in listening, speaking, reading and writing through the study of the Nihao 1 textbook. They will build skills and knowledge of vocabulary, grammar and sentence structure.

#### Some of the major topics of this subject are:

- » Introduction of China and Chinese language
- » Greetings
- » Family and age
- » Classroom objects
- » Pets and Chinese Zodiac animals
- » Hobbies and sports

#### In this subject you will learn how to:

- » Communicate in Chinese in both speaking and writing
- » Develop an understanding of the cultural contexts in which Chinese is spoken
- » Develop an understanding of the way of Chinese language works
- » Develop an understanding and appreciation of the customs of others

#### How your achievement in this subject will be evaluated:

- » Listening, speaking, reading and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Help you build your intercultural awareness, understanding and sense of identity as you come to recognise your own linguistic, social and cultural practices and identities as well as those associated with speakers of Chinese
- » Broaden your horizons to understand a wider international environment
- » Develop an appreciation of Chinese culture and its contributions to our own society (in areas such as technology, art, music, and cooking)
- » Develop your overall literacy, strengthening literacy-related capabilities that are transferable across learning areas.

## YEAR 7

### Chinese (Proficient) - *Invitation only*

The Year 7 Chinese Proficient course is designed for students who have undertaken significant Chinese language learning, either through a community school program or other sustained exposure. The course aims to consolidate and extend students' existing knowledge and skills while fostering greater confidence and independence as Chinese language learners. Students will develop their listening, speaking, reading and writing skills through the structured study of the Boya Textbook series. They will engage in a variety of communication tasks to reinforce key language fundamentals and expand their understanding of vocabulary, grammar, and sentence structures. The course also supports the continuous development of students' proficiency in Chinese and encourages them to explore cultural perspectives by comparing their own experiences with those from the Chinese-speaking communities.

#### Some of the major topics of this subject are:

- » Life questions
- » Change jobs
- » Family happiness
- » Modern culture
- » Stress and Health
- » Travel Experience

#### In this subject you will learn how to:

- » Communicate in Chinese in both speaking and writing
- » Develop an understanding of the cultural contexts in which Chinese is spoken
- » Develop an understanding of the way of Chinese language works
- » Develop an understanding and appreciation of the customs of others

#### How your achievement in this subject will be evaluated:

- » Listening, speaking, reading and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Help you build your intercultural awareness, understanding and sense of identity as you come to recognise your own linguistic, social and cultural practices and identities as well as those associated with speakers of Chinese
- » Broaden your horizons to understand a wider international environment
- » Develop an appreciation of Chinese culture and its contributions to our own society (in areas such as technology, art, music, and cooking)
- » Develop your overall literacy, strengthening literacy-related capabilities that are transferable across learning areas.



## YEAR 7

### French

The Year 7 French course provides you with an introduction to French language and culture, including the more formal study of language structure. Given that some students have already had the pleasure of learning this lovely language, there will be a range of activities provided to ensure that you are working at an appropriate level. It is not just the French language that students will be studying, but also the cultures of the countries where French is spoken. We will compare French and Australian culture, as well as comparing and contrasting language structures.

#### The major topics of this subject are:

- » Greetings
- » Talking about pets
- » Members of the family
- » Talking about likes and dislikes and celebrations

#### In this subject you will learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand your own culture(s) through the study of other cultures
- » Understand language as a system
- » Make connections between French and English

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Opening up possibilities to future career opportunities
- » Enjoy interactive learning

## YEAR 7

### French (Proficient) - *Invitation only*

The Year 7 French Proficient course aims to provide progress to those students who have been enrolled in a bilingual primary school for most or all of their primary school education. The course has been designed to reinforce and build upon knowledge and skills from their previous learning experiences whilst also encouraging students to become more confident, independent learners of French. Students will participate in a range of communication activities where they will revise important basics of the language and further extend their usage of grammar, vocabulary and idiomatic expressions. Students will be encouraged to compare their own language and culture with those of the francophone world.

#### The major topics of this subject are:

- » Visiting the zoo and talking about animals
- » Food and drink
- » Special occasions
- » Past times and hobbies

#### In this subject you will learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand your own culture(s) through the study of other cultures
- » Understand language as a system
- » Make connections between French and English
- » Apply the language to work, further study, training or leisure

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work
- » Opportunities for research

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities
- » Enjoy interactive learning





## YEAR 8

### Chinese

Students will develop their skills in listening, speaking, reading and writing through the study of the Nihao 2 textbook. They will consolidate and expand their skills and knowledge of vocabulary, grammar and sentence structure.

#### The major topics of this subject are:

- » Describing personal appearance
- » Learning about Western and Chinese food
- » Daily routine of life, including dates, months, days of the week, time
- » Describing someone's clothing, including colours and size

#### In this subject you will learn how to:

- » Communicate in Chinese in both speaking and writing
- » Develop an understanding of the cultural contexts in which Chinese is spoken
- » Develop an understanding of the way of Chinese language works
- » Develop an understanding and appreciation of the customs of others

#### How your achievement in this subject will be evaluated:

- » Listening, speaking, reading and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Help you build your intercultural awareness, understanding and sense of identity as you come to recognise your own linguistic, social and cultural practices and identities as well as those associated with speakers of Chinese
- » Broaden your horizons to understand a wider international environment
- » Develop an appreciation of Chinese culture and its contributions to our own society (in areas such as technology, art, music, and cooking)
- » Develop your overall literacy, strengthening literacy-related capabilities that are transferable across learning areas
- » A highlight of the course is a visit to Chinatown to learn about the history of Chinese in Australia, enjoying a Chinese lunch and taking part in a Chinese craft workshop.

## YEAR 8

### Chinese (Proficient) - *Invitation only*

The Year 8 Chinese Proficient course builds on the foundation established in Year 7, offering continued growth for students with a strong background in Chinese, particularly those who attended schools where Chinese is the medium of learning. The course is designed to strengthen and deepen students' existing language skills, while fostering greater independence and confidence as Chinese learners. Using the Boya Textbook series, students will take part in a range of interactive and purposeful language activities that consolidate core concepts and extend their command of vocabulary, grammar, and sentence structure. Students will also be encouraged to explore Chinese-speaking cultures and reflect on how these compare with their own experiences in today's modern, globalised world.

#### The major topics of this subject are:

- » Complex of Chinese names
- » Types of friends
- » Chinese cities
- » Environmental protection
- » Sound of nature
- » Ancient and Modern China

#### In this subject you will learn how to:

- » Communicate in Chinese in both speaking and writing
- » Develop an understanding of the cultural contexts in which Chinese is spoken
- » Develop an understanding of the way of Chinese language works
- » Develop an understanding and appreciation of the customs of others.

#### How your achievement in this subject will be evaluated:

- » Listening, speaking, reading and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Help you build your intercultural awareness, understanding and sense of identity as you come to recognise your own linguistic, social and cultural practices and identities as well as those associated with speakers of Chinese
- » Broaden your horizons to understand a wider international environment
- » Develop an appreciation of Chinese culture and its contributions to our own society (in areas such as technology, art, music, and cooking)
- » Develop your overall literacy, strengthening literacy-related capabilities that are transferable across learning areas » A highlight of the course is a visit to Chinatown to learn about the history of Chinese in Australia, enjoying a Chinese lunch and taking part in a Chinese craft workshop.
- » A highlight of the course is a visit to Chinatown to learn about the history of Chinese in Australia, enjoying a Chinese lunch and taking part in a Chinese craft workshop.

## YEAR 8

### French (Proficient) - *Invitation only*

The Year 8 French Proficient course continues where the Year 7 Proficient course finished off providing continued progress to those students who were enrolled in a bilingual primary school for most or all of their primary school education. The course continues to reinforce and build upon knowledge and skills from their previous learning experiences whilst also encouraging students to become more confident, independent learners of French. Students will participate in a range of communication activities where they will revise important basics of the language and further extend their usage of grammar, vocabulary and idiomatic expressions. Students will be encouraged to compare their own language and culture with those of the francophone world.

#### The major topics of this subject are:

- » School life
- » Describing people
- » Buying and describing clothing
- » Around town and going on holidays

#### In this subject you will continue to learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand your own culture(s) through the study of other cultures
- » Understand language as a system
- » Make connections between French and English

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Having a background in the French studies
- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities
- » Enjoy interactive learning

## YEAR 8

### French

Students will be able to develop their listening, speaking, reading and writing skills with more rapid progress in grammatical understanding and greater challenges offered in vocabulary acquisition. Cultural knowledge is intrinsic to the language and students continue to develop intercultural awareness. They continue to compare and contrast language structures between their own language and French. Understanding of language structure in their own language is strengthened.

#### The major topics of this subject are:

- » Housing styles, including your home
- » School life in France and how it compares to school life in Australia
- » Leisure activities
- » Getting around in town
- » French-speaking countries

#### In this subject you will learn how to:

- » Develop your skills in communicating through speaking and writing
- » Consolidate and extend your skills in understanding what you see, hear and read
- » Refine the pronunciation and fluency of your spoken French
- » Understand French language structures and how they compare and contrast to English

#### How your achievement in this subject will be evaluated:

- » Speaking tasks, listening and reading comprehension tests, grammar and writing tests
- » Mini-tests in class to assess progress in developing skills
- » Collaborative class work

#### Why this subject might be of interest to you:

- » You enjoy the challenge and the fun of learning to express yourself in another language
- » You can learn more about cultural differences between French-speaking countries and Australia.

## YEAR 9

### Chinese

Students use spoken and written Chinese to exchange ideas, collaborate, and reflect on personal experiences, adjusting their language to suit different contexts, audiences, and purposes. They interpret and analyse texts, applying strategies to understand and respond to verbal and non-verbal communication. By using appropriate structures, tones, and conventions, they create texts in Hanzi and/or Pinyin and demonstrate awareness of formality levels. Students reflect on their language use and cultural identity, discussing how learning Chinese shapes their communication and intercultural understanding across familiar and unfamiliar contexts.

#### The major topics of this subject are:

- » Shopping
- » Eating out in a Chinese restaurant
- » Weather and seasons
- » School life
- » Directions
- » Leisure

#### In this subject you will learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used

#### How your achievement in this subject will be evaluated:

- » Speaking, listening, reading comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Acquire a new language skill
- » Develop cross-cultural awareness
- » Deepen an understanding and appreciation of China and Chinese culture
- » Gain a greater appreciation for your own culture

## YEAR 9

### Chinese (Proficient) - *Invitation only*

Year 9 Chinese Proficient is a dynamic continuation of the Year 8 Chinese Proficient course, designed for students with a solid foundation in the language. Through engaging and thoughtfully chosen topics, students will explore universal human experiences, key elements of traditional and modern Chinese society, and influential works by renowned Chinese literary figures.

This course aims to deepen students' command of essential sentence structures, high-frequency vocabulary, and more complex forms of expression. By building their skills in extended discourse, students will gain greater confidence and fluency in both spoken and written Chinese.

Ideal for students intending to pursue VCE Chinese First Language or Second Language Advanced, this course lays a strong foundation for further language study while enriching students' understanding of Chinese language and culture.

#### The major topics of this subject are:

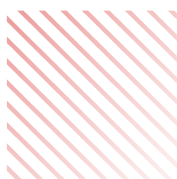
- » Family and friends
- » School life
- » Festivals and traditions
- » History and famous people
- » Travel and the Chinese-speaking world
- » Literature and arts

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Build on strong language skills – Designed for students with a solid Chinese background.
- » Challenge and extend learning – Offers advanced content to deepen understanding.
- » Cultural enrichment – Explores complex cultural topics and perspectives.
- » Improve literacy – Enhances reading, writing, and speaking fluency in formal contexts.
- » Prepare for senior studies such as VCE Chinese.





## YEAR 9

### French

In Year 9 French, students continue to develop their skills across all areas with more rapid progress in grammatical understanding and greater challenges offered in building vocabulary. They are encouraged to merge grammatical knowledge and vocabulary topics in a more global way. Cultural knowledge is intrinsic to the language and students continue to develop intercultural awareness. Students will also consolidate and expand their skills and knowledge of vocabulary, grammar and sentence structure. They strengthen their understanding of language structure in their own language, while also comparing their language to French.

#### The major topics of this subject are:

- » Different regions in France
- » Clothing and fashion shows
- » Weather
- » Ailments, remedies and visiting the doctor
- » Eating out
- » Train travel

#### In this subject you will learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand your own culture(s) through the study of other cultures
- » Understand language as a system
- » Make connections between French and English
- » Strengthen literacy-related capabilities that are transferable across learning areas.
- » Apply the language to work, further study, travel or leisure

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension (listening and reading) and grammar/writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Nurture your passion for language and culture
- » Improve your communication and cognitive skills
- » Expand your future career opportunities
- » Provide opportunities for exchange programs and language tours.

## YEAR 9

### Latin Hybrid

In Year 9 Latin Hybrid, students explore the classical world through a dynamic blend of ancient language, culture, and modern applications. Delivered either in-class or through an engaging online format, this hybrid subject offers flexible learning opportunities while maintaining a strong sense of connection and intellectual challenge.

Students will continue to build on their foundational Latin grammar and vocabulary, while uncovering the stories, beliefs, and innovations of the ancient Roman world. They will examine the lasting influence of Latin on modern English, law, medicine, and science. Whether learning face-to-face or online, students will engage in translation tasks, digital storytelling, and projects that connect classical texts to the modern world.

#### The major topics of this subject include:

- » Roman daily life and mythology
- » Classical Latin grammar and syntax
- » English derivatives and etymology
- » Digital storytelling and translation tools
- » Latin in science, law, and medicine

#### In this subject you will learn how to:

- » Read and translate Latin texts with increasing accuracy
- » Develop a deeper appreciation of ancient Roman culture and its global legacy
- » Identify connections between Latin and modern English vocabulary
- » Use technology to support interpretation and creative responses
- » Reflect on cultural similarities and differences across time

#### How your achievement in this subject will be evaluated:

- » Vocabulary and grammar quizzes
- » Translation and comprehension exercises
- » Creative and analytical projects
- » Class presentations and collaborative tasks

#### Why this subject might be of interest to you:

- » Interest in history, languages, and ancient cultures
- » Curiosity about the roots of English and modern European languages
- » Enjoyment of decoding and problem-solving
- » Strengthening literacy, logic, and analytical skills
- » Passion for literature, archaeology, or law

## YEAR 9

### Global Perspectives - *Invitation only*

In Global Perspectives, students develop the knowledge, skills, and values needed to understand the world around them and their place in it. This subject explores contemporary global issues, intercultural understanding, and social justice through inquiry and collaboration. Students will examine diverse cultures, global challenges, and the role of individuals and communities in creating change. This course is offered to students that are unable to continue with a Language.

#### Learning Areas:

This is an interdisciplinary subject drawing from the Humanities, Civics and Citizenship, Geography, Ethics, and Personal and Social Capability strands of the Victorian Curriculum.

#### Key themes may include:

- » Global citizenship and identity
- » Human rights and social justice
- » Environmental change and sustainability
- » Culture, beliefs, and global diversity
- » Conflict, peace, and global cooperation
- » Innovation and global problem-solving

## YEAR 10

### Chinese

The Year 10 Chinese course enables students to reinforce and extend their grasp of the language and culture. They increase their knowledge of the Chinese character system and improve their command of tones and pronunciation. They begin to write in a more complex and sophisticated fashion, using language correctly and appropriately to suit the purpose and audience of the piece.

#### The major topics of this subject are:

- » School and Exchange Students
- » Travel
- » Science and Technology
- » Camping
- » Health
- » Fundraising

#### In this subject you will learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand your own culture(s) through the study of other cultures
- » Understand language as a system

#### How your achievement in this subject will be evaluated:

- » Listening, speaking, reading and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities.

#### Skills developed:

- » Critical and creative thinking
- » Ethical and intercultural understanding
- » Communication and collaboration
- » Research, analysis, and reflection
- » Empathy and perspective-taking others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand their own culture(s) through the study of other cultures
- » Understand language as a

system

#### How your achievement in this subject will be evaluated:

- » Listening, speaking, reading and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities.

## YEAR 10

### French

The Year 10 French course reinforces knowledge and skills from previous years while encouraging students to become more confident, independent learners of French. Students participate in a more extensive and complex range of communication activities. New grammatical tenses are introduced along with a growing variety of vocabulary and expressions. As a result, writing and speaking activities become less structured and more independent.

#### The major topics of this subject are:

- » Describing yourself and others, and your relationships with family and friends
- » Talking about the past
- » Discussing ways to live more ecologically
- » Planning career choices
- » Continuing our tour around the regions of France and Paris

#### In this subject you will learn how to:

- » Develop your skills in communicating through speaking and writing
- » Consolidate and extend your skills in understanding what you see, hear and read
- » Refine the pronunciation and fluency of your spoken French
- » Understand French language structures and how they compare and contrast to English
- » Examine cultural differences between France and Australia

#### How your achievement in this subject will be evaluated:

- » Speaking tasks, listening and reading comprehension tests, grammar and writing tests
- » Mini-tests in class to assess progress in developing skills
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Opens your eyes and mind to other ways of living, communicating and thinking
- » Develops your ability to think critically and to empathise with others
- » May give you the opportunity to visit France and be able to communicate with the locals in their language, not just from the outside perspective of a tourist
- » Gives you the chance to learn more about your own language.

## VCE UNITS 1 & 2

### Chinese as a First Language

Students will develop their skills in listening, speaking, reading, writing, and viewing through the study of three major themes: self and others (Personal world, Contributing to the community, Education and aspirations), tradition and change in the Chinese-speaking community (Literature and the Arts, Stories from the past, Youth issues), and the world around us (Lifestyles, Current issues, Studies of Australia). They will consolidate and expand their skills and knowledge of grammar, text types and writing styles.

#### The major topics of this subject are:

- » The role of media
- » The impact of technology
- » Contributing to community services
- » Youth well-being
- » Voluntary work
- » Overseas study
- » Chinese literature

#### In this subject you will learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand and appreciate your own culture(s) through the study of other cultures
- » Understand language as a system
- » Make connections between Chinese and English
- » Understand Australian history and cultures
- » Apply the language to work, further study, training or leisure

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities
- » Preserve and appreciate your native language

## VCE UNITS 1 & 2

### Chinese as a Second Language

Students will develop their skills in listening, speaking, reading and writing through the study of three major themes: the individual (personal world, education and aspirations, personal opinions and values), the Chinese-speaking community (lifestyles, historical perspectives, arts and entertainment), the changing world (social issues, the world of work, scientific and technological issues). They will consolidate and expand their skills and knowledge of vocabulary, grammar and sentence structure and will explore a variety of text types.

#### The major topics of this subject are:

- » The individual
- » My family
- » Friends and relationship
- » Life in school
- » Leisure and sports
- » Travelling
- » The Chinese language
- » Traditional festivals and other Celebrations

#### In this subject you will learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand your own culture(s) through the study of other cultures
- » Understand language as a system
- » Make connections between Chinese and English
- » Apply the language to work, further study, training or leisure

#### How your achievement in this subject will be evaluated:

- The award of satisfactory completion for a unit is based on whether the student has demonstrated the set of outcomes specified for the unit.
- » Satisfactorily complete three learn outcome assessment for Unit 1
  - » Satisfactorily complete three learn outcome assessment for Unit 2
  - » Collaborative class work

#### Why this subject might be of interest to you:

- » Communicate with others in Chinese in oral and written language
- » Understand the relationship between language and culture
- » Compare cultures and languages and enhance intercultural awareness
- » Understand and appreciate the cultural contexts in which Chinese is spoken
- » Learn about language as a system and themselves as language learners
- » Make connections between different languages, knowledge and ways of thinking
- » Become part of multilingual communities by applying language learning to social and leisure activities, life-long learning and the world of work



## VCE UNITS 1 & 2

### Chinese as a Second Language (Advanced)

Students will develop their skills in listening, speaking, reading and writing through the study of three major themes: the individual (personal world, education and aspirations, personal opinions and values), the Chinese-speaking community (lifestyles, historical perspectives, arts and entertainment), the changing world (social issues, the world of work, scientific and technological issues). They will consolidate and expand their skills and knowledge of vocabulary, grammar and sentence structure and will explore a variety of text types.

#### The major topics of this subject are:

- » Family and friends
- » School life
- » Sports in China
- » Travel and the Chinese-speaking world
- » Customs and traditions

#### In this subject you will learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand your own culture(s) through the study of other cultures
- » Understand language as a system
- » Make connections between Chinese and English
- » Apply the language to work, further study, training or leisure

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities.

## VCE UNITS 1 & 2

### French

Students will develop their skills in listening, speaking, reading and writing through the study of three major themes: the individual (personal world, education and aspirations, personal opinions and values), the French-speaking community (lifestyles, historical perspectives, arts and entertainment), the changing world (social issues, the world of work, scientific and technological issues). They will consolidate and expand their skills and knowledge of vocabulary, grammar and sentence structure and will explore a variety of text types.

#### The major topics of this subject are:

- » Family and friends
- » The art of leading a balanced lifestyle
- » School life
- » Travel and the French-speaking world
- » Traditions and celebrations
- » Art, culture and pastimes

#### In this subject you will learn how to:

- » Further your use the language to communicate with others
- » Expand your understanding and appreciation of the cultural contexts in which language is used
- » Further understand your own culture(s) through the study of Francophone cultures
- » Understand language as a system
- » Continue to make connections between French and English
- » Apply the language to work, further study, training or leisure

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities.

## VCE UNITS 3 & 4

### Chinese as a First Language

Students will develop their skills in listening, speaking, reading, writing, and viewing through the study of three major themes: self and others (Personal world, Contributing to the community, Education and aspirations), tradition and change in the Chinese-speaking community (Literature and the Arts, Stories from the past, Youth issues), and the world around us (Lifestyles, Current issues, Studies of Australia). They will consolidate and expand their skills and knowledge of grammar, text types and writing styles.

#### The major topics of this subject are:

- » Education and aspirations
- » Studies of Australia
- » Youth issues
- » Current issues
- » Tradition and change in Chinese-speaking communities
- » Extended study on Chinese literature and arts

#### In this subject you will learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand and appreciate your own culture(s) through the study of other cultures
- » Understand language as a system
- » Make connections between Chinese and English
- » Understand Australian history and cultures
- » Apply the language to work, further study, training or leisure
- » Understand Australian history and cultures

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities
- » Preserve and appreciate your native language

## VCE UNITS 3 & 4

### Chinese as a Second Language

Students will develop their skills in listening, speaking, reading and writing through the study of three major themes: the individual (personal identity, relationships, education and aspirations), the Chinese-speaking community (history and culture, arts and entertainment, living in a Chinese -speaking community), and the world around us (global and contemporary society, communication and media, the influence of science and technology). They will consolidate and expand their skills and knowledge of vocabulary, grammar and sentence structure and will explore a variety of text types.

#### The major topics of this subject are:

- » Future Plans and Priorities
- » Chinese calligraphy and painting
- » Chinese dance and martial arts
- » Chinese tea ceremony and its culture
- » Technology and its impact

#### In this subject you will learn how to:

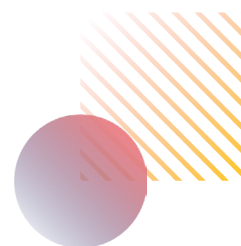
- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand your own culture(s) through the study of other cultures
- » Understand language as a system
- » Make connections between Chinese and English
- » Apply the language to work, further study, training or leisure

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities



## VCE UNITS 3 & 4

### Chinese as a Second Language (Advanced)

Students will develop their skills in listening, speaking, reading and writing through the study of three major themes: the individual (personal world, education and aspirations, personal opinions and values), the Chinese-speaking community (lifestyles, historical perspectives, arts and entertainment), the changing world (social issues, the world of work, scientific and technological issues). They will consolidate and expand their skills and knowledge of vocabulary, grammar and sentence structure and will explore a variety of text types.

#### The major topics of this subject are:

- » Future plans and priorities
- » Chinese calligraphy and painting
- » Chinese dance and martial arts
- » Chinese tea ceremony and its culture
- » Technology and its impact

#### In this subject you will learn how to:

- » Use the language to communicate with others
- » Understand and appreciate the cultural contexts in which language is used
- » Understand your own culture(s) through the study of other cultures
- » Understand language as a system
- » Make connections between Chinese and English
- » Apply the language to work, further study, training or leisure

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities.

## UNITS 3 & 4

### French

Students will develop their skills in listening, speaking, reading and writing through the study of three major themes: the individual (personal world, education and aspirations, personal opinions and values), the French-speaking community (lifestyles, historical perspectives, arts and entertainment), the changing world (social issues, the world of work, scientific and technological issues). They will consolidate and expand their skills and knowledge of vocabulary, grammar and sentence structure and will explore a variety of text types.

#### The major topics of this subject are:

- » The city of Paris
- » Future plans
- » Multicultural France
- » Science and technology
- » The environment

#### In this subject you will learn how to:

- » Further your use of the language to communicate with others
- » Expand your understanding and appreciation of the cultural contexts in which language is used
- » Further understand your own culture(s) through the study of Francophone cultures
- » Understand language as a system
- » Continue to make connections between French and English
- » Apply the language to work, further study, training or leisure

#### How your achievement in this subject will be evaluated:

- » Speaking, comprehension and writing tests and SACs
- » Formative assessment tasks
- » Collaborative class work

#### Why this subject might be of interest to you:

- » Passion for language and culture
- » Improve communication and cognitive skills
- » Expand future career opportunities.



## YEAR 9 - 12

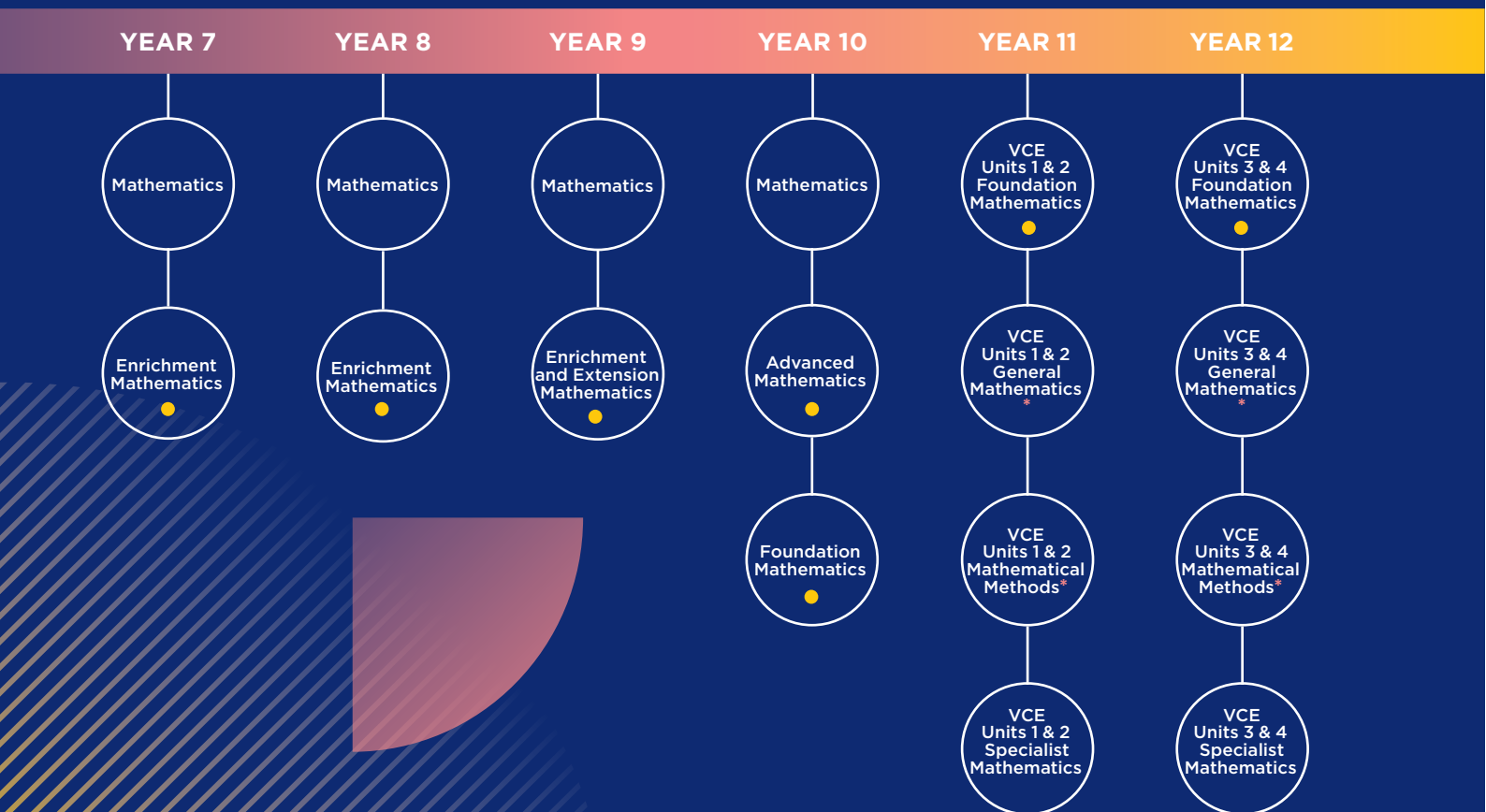
### VSV Languages - Online

This course allows students to complete a Language online through Virtual Schools Victoria. This course allows students to study a language outside of our mainstream offerings (Chinese and French). Through the Victorian School of Languages, students are able to study Spanish, Indonesian, Japanese, Greek or Latin. Learning is via Distance Education mode, with students regularly submitting work to a teacher at the VSL, and undertaking regular conversational lessons via zoom or phone. Students may take these subjects as either a beginner or via an accelerated program but it is essential that the student is a confident, independent learner due to the nature of the study. This subject selection will be reviewed by the Dean of Learning Futures. As a guideline, Learning Behaviours and previous academic results will also be taken into consideration to recommend this pathway.





# Mathematics



● Invitation Only

\* Acceleration offered

## WELCOME TO MATHEMATICS

Mathematics is more than just numbers; it's a powerful way to understand our world – from the physical and digital to our social interactions. Our program is designed to help students think mathematically, encouraging them to ask questions, spot patterns, and solve problems that are relevant to their daily lives, future careers, and further studies.

## OUR CURRICULUM EXPLAINED

### Middle School (Years 7–10)

Our Years 7–10 courses are fully aligned with Version 2 of the Victorian Curriculum: Mathematics. This means we cover three main areas:

**Number and Algebra:** Working with numbers, symbols, and patterns.

**Measurement and Geometry:** Understanding shapes, spaces, and quantities.

**Statistics and Probability:** Analyzing data and predicting outcomes.

We also put a special focus on Algorithmic Thinking and Computational Mathematics to equip students with modern problem-solving skills.

Differentiation is built into our classroom practice. This includes enrichment opportunities and support pathways that cater to the range of learners in every classroom.

Student placement and pathway recommendations are reviewed regularly and are based on achievement, readiness, work habits, and teacher recommendation.

## YOUR MATHEMATICS JOURNEY: COURSE PROGRESSION

This overview helps you see how students' progress through our mathematics courses.

### Support for Every Learner

We offer support classes for students who benefit from smaller group instruction and focused numeracy development. Students may be invited to join these classes based on teacher recommendation and guidance from the Learning Enhancement Team.

This is available from Years 7 to 9. Support classes are designed to strengthen confidence, numeracy understanding, and foundational mathematical skills in a supportive small-group environment.

### Enriched Learning Opportunities

For high-achieving students, we offer enriched and accelerated learning pathways. These include participation in our Enrichment Mathematics courses and, for eligible Year 10 students, acceleration into VCE Mathematics Methods Units 1/2.

Our Years 7 and 8 Enrichment Mathematics programs focus primarily on extending the complexity and application of mathematical understanding rather than accelerating students through future year-level content.

### Middle School Mathematics (Years 7–10)

#### Year 7 Mathematics

**What you'll focus on:** Building a strong foundation in whole numbers, fractions, decimals, percentages, and an introduction to variables and algebraic thinking. You'll also learn about geometric reasoning, drawing, and how to represent data.

**Next step:** Leads to Year 8 Mathematics or Year 8 Enrichment (by invitation).

#### Year 7 Enrichment Mathematics

(A parallel elective to the Year 7 Mainstream class)

**What you'll do:** Deepen your understanding of Year 7 V-2 learning through challenging tasks, mathematical puzzles, logic problems, and an introduction to coding and algorithmic thinking.

#### Year 8 Mathematics

**What you'll focus on:** Solidifying your understanding of rational numbers and extending to irrational numbers. You'll explore linear relationships, measurement, similarity, and introductory probability and statistical investigations.

**Key topics:** Rational & irrational numbers, index laws, linear equations & graphing on the Cartesian plane, area, volume & surface area, experimental & theoretical probability, comparative statistics.

**Next step:** Leads to Year 9 Mathematics or Year 9 Enrichment and Extension course (by invitation).

In Year 7 and 8, some students may also be invited to participate in a Support Mathematics class based on advice from the Learning Enhancement Team.

#### Year 8 Enrichment Mathematics

**What you'll do:** Deepen your understanding of Year 8 V-2 learning through challenging tasks, mathematical puzzles, logic problems, and an introduction to coding and algorithmic thinking.

**Key focus:** Emphasis on algebraic manipulation, mathematical modelling of real-world situations, and exploring statistics using digital tools.

### Beyond the Classroom: Extension, Enrichment & Acceleration

We offer various opportunities for students to extend and enrich their mathematical learning:

**Enrichment Streams:** At Years 7–9, these streams offer challenging tasks, competitions, and project-based learning.

**Acceleration:** Eligible students may undertake VCE Units early. Examples include:

Year 10 Advanced Mathematics students moving to VCE Mathematical Methods Units 1/2. Year 11 students completing VCE General Mathematics Units 3/4 while commencing VCE Mathematical Methods Units 1/2.

## YEAR 7

### Mathematics

Mathematics is a powerful tool for understanding the physical world. By portraying mathematics in this way, the bridge between abstract mathematical ideas and real-world applications is formed. A mathematical mindset is fostered by encouraging students to contemplate objects and activities from a mathematical perspective. The importance of investigation and exploration into mathematical concepts is emphasised. This exploration helps to grasp practical applications of mathematics and its role in explaining various phenomena and environmental wonders. Students develop the mathematical skills, knowledge, and problem-solving capabilities necessary to thrive in the real world.

Mathematics with Enrichment may be offered to high-achieving students and aims to provide them with opportunities to explore advanced mathematical concepts, deepen their understanding, and engage in challenging problem-solving activities. Mathematics with Enrichment supplements and enhances the regular curriculum.

#### The major topics of this subject are:

- » Number
- » Geometry
- » Fractions, decimals and percentages
- » Algebra
- » Equations
- » Measurement
- » Statistics

#### In this subject you will learn how to:

- » Consolidate knowledge of the rational number system and decimals covered from earlier years and extend this knowledge to negative rational numbers
- » Carry out calculations involving perimeters, areas and volumes of simple two and three dimensional objects and use dissection methods to extend these ideas to more complex objects
- » Represent data graphically and summarise data using measures related to location and spread

- » Generate number pairs and use coordinates to draw and sketch graphs of linear relationships
- » Adopt an analytical approach to solving problems and use a variety of strategies for inquiry

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application tasks
- » Problem-solving tasks

#### Why this subject might be of interest to you:

- » In preparation for further study
- » In preparation for a career involving mathematics
- » For interest and enjoyment of mathematics and the life skills it brings.



## YEAR 8

### Mathematics

Mathematics is a powerful tool for understanding the physical world. By portraying mathematics in this way, the bridge between abstract mathematical ideas and real-world applications is formed. A mathematical mindset is fostered by encouraging students to contemplate objects and activities from a mathematical perspective. The importance of investigation and exploration into mathematical concepts is emphasised. This exploration helps to grasp practical applications of mathematics and its role in explaining various phenomena and environmental wonders. Students develop the mathematical skills, knowledge, and problem-solving capabilities necessary to thrive in the real world.

Mathematics with Enrichment may be offered to high-achieving students and aims to provide them with opportunities to explore advanced mathematical concepts, deepen their understanding, and engage in challenging problem-solving activities. Mathematics with Enrichment supplements and enhances the regular curriculum.

#### The major topics of this subject are:

- » Integer operations
- » Algebra
- » Fractions, decimals and percentages
- » Measurement
- » Equations
- » Probability
- » Rates and Ratios
- » Straight line graphs
- » Geometry

#### In this subject you will learn how to:

- » Consolidate knowledge of the rational number system, in particular, extend their knowledge decimals from previous years and extend this to include negative numbers
- » Interpret and use ratios and demonstrate an understanding of the relationship between ratios, fractions and percentages
- » Further develop skills in selecting units and instruments appropriate to measurement tasks and in specifying appropriate levels of accuracy for particular measurements

- » Further develop an analytical approach to solving equations and representing linear functions
- » Adopt an analytical approach to solving problems and use a variety of strategies for inquiry

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application tasks
- » Problem-solving tasks

#### Why this subject might be of interest to you:

- » In preparation for further study
- » In preparation for a career involving mathematics
- » For interest and enjoyment of mathematics and the life skills it brings.





## YEAR 9

### Mathematics

Mathematics is a powerful tool for understanding the physical world. By portraying mathematics in this way, the bridge between abstract mathematical ideas and real-world applications is formed. A mathematical mindset is fostered by encouraging students to contemplate objects and activities from a mathematical perspective. The importance of investigation and exploration into mathematical concepts is emphasised. This exploration helps to grasp practical applications of mathematics and its role in explaining various phenomena and environmental wonders. Students develop the mathematical skills, knowledge, and problem-solving capabilities necessary to thrive in the real world.

**What you'll focus on:** Preparing for senior mathematics by developing stronger algebraic techniques, understanding Pythagoras & trigonometry, quadratic relationships, and statistical inference.

**Key topics:** Expanding & factorising algebraic expressions, indices & surds, Pythagorean theorem & trigonometric ratios, quadratic equations & parabolic graphs, bivariate data analysis.

#### The major topics of this subject are:

- » Algebraic techniques and linear equations
- » Pythagoras and trigonometry
- » Linear relations and simultaneous equations
- » Measurement
- » Geometry
- » Indices and surds
- » Quadratic equations and graphs
- » Statistics

#### In this subject you will learn how to:

- » Represent and manipulate mathematical expressions and relationships which involve constants, linear, quadratic, reciprocal and exponential terms, using the operations of addition, subtraction, multiplication and division
- » Use formulae and mathematical models to solve practical problems involving measurement
- » Use rational numbers to approximate irrational numbers and note their non-terminating form and surd notation

- » Interpret numbers expressed with positive and negative integer powers and use them to represent large and small numbers

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application tasks
- » Problem-solving tasks

#### Why this subject might be of interest to you:

- » In preparation for further study
- » In preparation for a career involving mathematics
- » For interest and enjoyment of mathematics and the life skills it brings.

## YEAR 9

### Mathematics Enrichment and Extension - *Invitation only*

The course combines content from the Year 9 Victorian Curriculum, Year 10/10A Victorian Curriculum, and selected introductory concepts from VCE Methods study design that support future study in VCE Mathematical Methods.

**What you'll do:** This class prepares students for VCE Mathematical Methods and VCE Specialist Mathematics by unifying key content from the Year 9 Victorian Curriculum and selected content from the Year 10 and Year 10A Victorian Curriculums. It offers acceleration into non-linear functions, advanced Euclidean geometry, and independent mathematical investigations.

**Acceleration opportunities:** Upon completion of Year 9E<sup>2</sup> course, students who meet the stipulated acceleration criteria can undertake VCE Mathematical Methods at Year 10 level. If they don't secure the required acceleration qualifying score, they will undertake the Year 10 Advanced Mathematics course at Year 10 level.

#### The major topics of this subject are:

- » Algebraic techniques and linear equations
- » Pythagoras and trigonometry
- » Linear relations and simultaneous equations
- » Measurement
- » Geometry
- » Indices and surds
- » Quadratic equations and graphs
- » Statistics

#### In this subject you will learn how to:

- » Represent and manipulate mathematical expressions and relationships which involve constants, linear, quadratic, reciprocal and exponential terms, using the operations of addition, subtraction, multiplication and division
- » Use formulae and mathematical models to solve practical problems involving measurement
- » Use rational numbers to approximate irrational numbers and note their non-terminating form and surd notation
- » Interpret numbers expressed with positive and negative integer

powers and use them to represent large and small numbers

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application and investigation tasks
- » Problem-solving tasks

#### Why this subject might be of interest to you:

- » In preparation for further study
- » In preparation for a career involving mathematics
- » For interest and enjoyment of mathematics and the life skills it brings.

## YEAR 10

### Mathematics

Mathematics as a powerful tool for understanding the physical world. By portraying mathematics in this way, the bridge between abstract mathematical ideas and real-world applications is formed. A mathematical mindset is fostered by encouraging students to contemplate objects and activities from a mathematical perspective. The importance of investigation and exploration into mathematical concepts is emphasised. This exploration helps to grasp practical applications of mathematics and its role in explaining various phenomena and environmental wonders. Students develop the mathematical skills, knowledge, and problem-solving capabilities necessary to thrive in the real world.

Students who have achieved a very high standard in Accelerated Mathematics in Year 9 will be invited to accelerate their VCE Mathematics into Mathematical Methods Units 1 & 2 in Year 10. Students, who have experienced difficulty with Mathematics in Year 9, may receive an invitation into Foundation Mathematics in Year 10.

#### The major topics of this subject are:

- » Measurement
- » Linear relations and simultaneous equations
- » Indices and surds
- » Quadratic algebra
- » Quadratic graphs
- » Probability
- » Geometry and trigonometry

#### In this subject you will learn how to:

- » Use known properties of shapes to justify observations and deduce further properties
- » Investigate and distinguish between dependent and independent events and analyse and interpret events involving conditional probability and chance variation
- » Use formulae and mathematical models to solve practical problems involving measurement
- » Routinely represent and manipulate mathematical expressions which involve complex combinations of linear, power, square root, reciprocal and exponential terms in algebraic notation

- » Use technology to explore algebraic equations and patterns in symbolic form

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application tasks
- » Problem-solving tasks

#### Why this subject might be of interest to you:

- » In preparation for further study
- » In preparation for a career involving mathematics
- » For interest and enjoyment of mathematics and the life skills it brings.

## YEAR 10

### Mathematics Advanced - *Invitation only*

Year 10 Mathematics Advanced course encompasses students who are interested in enhancing their skills through the standard Year 10 curriculum, but also would like to experience content linked to Year 11 Methods course. Students invited to join this course need to have achieved a high standard in Year 9 Mathematics.

#### The major topics of this subject are:

- » Linear functions
- » Matrices
- » Functions and Graphs
- » Transformations
- » Exponentials and Logarithms
- » Probability
- » Circular functions

#### In this subject you will learn how to:

- » Explore transformations of the plane and the behaviour of some elementary functions of a single real variable
- » Explore the behaviour of functions and their graphs and link them to applications in practical situations.
- » Cover the algebra of functions, including composition of functions, simple functional relations, inverse functions, recognition and solving of equations and systems of equations.

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application tasks
- » Mathematical investigations

#### Why this subject might be of interest to you:

- » In preparation for further study
- » In preparation for a career involving mathematics.



## YEAR 10

### Foundation Mathematics - *Invitation only*

Foundation Mathematics is approached as a powerful tool for understanding the physical world. By portraying mathematics in this way, the bridge between abstract mathematical ideas and real-world applications is formed. A mathematical mindset is fostered by encouraging students to contemplate objects and activities from a mathematical perspective. The importance of investigation and exploration into mathematical concepts is emphasised. This exploration helps to grasp practical applications of mathematics and its role in explaining various phenomena and environmental wonders. Students develop the mathematical skills, knowledge, and problem-solving capabilities necessary to thrive in the real world.

Students who are experiencing difficulty, with Year 9 Mathematics, may be invited into this subject in Year 10. Invitations will be based on student results and teacher recommendation.

#### The major topics of this subject are:

- » Measurement
- » Algebra
- » Linear equations
- » Linear functions
- » Linear modelling
- » Statistics – bivariate
- » Financial arithmetic

#### In this subject you will learn how to:

- » Investigate linear and non-linear relations including equations, algebra, logic and their applications
- » Collect, present and Analyse data
- » Consider different forms of data representation
- » Use formulae and mathematical models to solve practical problems involving measurement
- » Create appropriate and effective data summaries investigate mental, by-hand and technology

assisted computation with practical financial arithmetic including simple interest and compound interest

- » Compare purchase options

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application tasks
- » Problem-solving tasks

#### Why this subject might be of interest to you:

- » In preparation for further study
- » It provides life skills.





## VCE UNITS 1 & 2

### Foundation Mathematics - *Invitation only*

Units 1 & 2 Foundation Mathematics is designed for students who may feel less confident in Mathematics. This course provides a supportive environment to strengthen numerical skills. There is a focus on essential concepts like arithmetic operations, number sense, measurement, and introductory algebra. These Units foster problem-solving skills and critical thinking while encouraging questions and discussion. This course serves as a stepping stone for academic growth, empowering students to gain confidence and prepare for future math courses.

Students who are experiencing difficulty, with Year 10 Mathematics and/or who have undergone Year 10 Foundation Mathematics, may be invited into this subject in Year 11. Invitations will be based on student results and teacher recommendation.

#### The major topics of this subject are:

- » Measurement
- » Fractions, decimals and percentages
- » Ratios and rates
- » Statistics
- » Financial mathematics

#### In this subject you will learn how to:

- » Consolidate knowledge of the rational number system, in particular, extend their knowledge decimals from previous years and extend this to include negative numbers
- » Interpret and use ratios and demonstrate an understanding of the relationship between ratios, fractions and percentages
- » Use formulae and mathematical models to solve practical problems involving measurement
- » Collect, present and analyse data
- » Consider different forms of data representation

- » Create appropriate and effective data summaries investigate mental, by-hand and technology assisted computation with practical financial arithmetic including simple interest and compound interest
- » Compare purchase options

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application tasks
- » Problem-solving tasks

#### Why this subject might be of interest to you:

- » In preparation for further study
- » It provides life skills.

## VCE UNITS 1 & 2

### General Mathematics

Units 1 & 2 General Mathematics encompasses a wide range of mathematical concepts and applications, focusing on developing students' problem-solving and analytical skills. This course delves into concepts such as matrices, statistics, networks, and financial mathematics. It aims to equip students with a deeper understanding of mathematical concepts and their practical applications in various real-world scenarios. Through exploring complex mathematical concepts and problem-solving strategies, Units 1 & 2 General Mathematics prepares students for Units 3 & 4 General Mathematics and enables students to develop the mathematical skills, knowledge, and problem-solving capabilities necessary to thrive in the real world.

#### The major topics of this subject are:

- » Linear relations and modelling
- » Networks
- » Measurement
- » Matrices
- » Statistics - univariate and bivariate
- » Sequences and finance

#### In this subject you will learn how to:

- » Represent, analyse and compare data
- » Investigate relationships between two numerical variables
- » Use matrices to model practical situations and solve a range of related problems
- » Use definitions and applications of directed and undirected graphs
- » Represent and manipulate linear relations and equations, including simultaneous linear equations, and their applications in a range of contexts
- » Cover mental, byhand and technology assisted computation with practical financial arithmetic, including estimation, order of magnitude and accuracy, simple interest, compound interest, comparison of purchase options and cash flow

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application tasks
- » Mathematical investigations

#### Why this subject might be of interest to you:

- » In preparation for further study
- » It provides life skills.

## VCE UNITS 1 & 2

### Mathematical Methods

Mathematical Methods is a comprehensive subject that covers a wide range of mathematical topics. It is designed to provide students with a strong foundation in calculus, algebra, and functions, which are essential for further studies in Mathematics, Science, Engineering, and related fields. Mathematical Methods explores concepts such as differentiation, integration, exponential and logarithmic functions, as well as trigonometric functions and their applications. The subject emphasises problem-solving, critical thinking, and mathematical reasoning skills. Through Mathematical Methods, students develop their mathematical fluency and gain the ability to analyse and solve complex problems using mathematical techniques and methodologies.

#### The major topics of this subject are:

- » Functions and graphs
- » Transformations
- » Exponentials and logarithms
- » Probability
- » Circular functions
- » Differential calculus
- » Integral calculus

#### In this subject you will learn how to:

- » Explore transformations of the plane and the behaviour of some elementary functions of a single real variable
- » Explore the behaviour of functions and their graphs and link them to applications in practical situations.
- » Cover the algebra of functions, including composition of functions, simple functional relations, inverse functions, recognition and solving of equations and systems of equations.
- » Investigate the graphical treatment of limits, continuity and differentiability of functions of a single real variable, and differentiation, anti-differentiation and integration functions.
- » Cover discrete and continuous random variables.

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application tasks
- » Mathematical investigations

#### Why this subject might be of interest to you:

- » In preparation for further study
- » In preparation for a career involving mathematics
- » For interest and enjoyment of mathematics.

## VCE UNITS 1 & 2

### Specialist Mathematics

This particular subject offers an extensive and advanced level of mathematical education, catering to individuals where a strong mathematical background is a prerequisite. This subject prepares students for undertaking Units 3 & 4 Specialist Mathematics and is also an ideal additional preparation for Units 3 & 4 Mathematical Methods. The topics in Units 1 & 2 broaden students' mathematical experience and provide different scenarios for incorporating mathematical arguments and problem solving. It provides students with an opportunity to blend their algebraic and geometric thinking.

#### The major topics of this subject are:

- » Functions and graphs
- » Complex numbers
- » Vectors
- » Kinematics
- » Logic and proof
- » Differential and integral calculus

#### In this subject you will learn how to:

- » Analyse key features of graphs of inverse circular functions, reciprocal functions, rational functions, absolute value function and other simple quotient functions.
- » Use advanced calculus techniques for analytic and numeric differentiation and integration of a range of functions, and combinations of functions; and their application in a variety of theoretical and practical situations.
- » Investigate arithmetic and algebra of complex numbers, including polar form; points and curves in the complex plane.
- » Explore the arithmetic and algebra of vectors, linear dependence and independence of a set of vectors, proof of geometric results using vectors, vector representation of curves in the plane and vector kinematics in one and two dimensions.

- » Delve into proof techniques, such as direct proof, indirect proof (proof by contradiction), and proof by mathematical induction.
- » Relate statistical inference to the definition and distribution of sample means, simulations, confidence interval, hypothesis testing

#### How your achievement in this subject will be evaluated:

- » Tests
- » Application tasks
- » Mathematical investigations

#### Why this subject might be of interest to you:

- » In preparation for further study
- » In preparation for a career involving mathematics
- » For interest and enjoyment of mathematics.

## VCE UNITS 3 & 4

### Foundation Mathematics - *Invitation only*

Units 3 & 4 Foundation Mathematics follows on from Units 1 & 2 Foundation Mathematics and is designed for students who may feel less confident in Mathematics. This course provides a supportive environment to strengthen numerical skills. There is a focus on essential concepts like arithmetic operations, number sense, measurement, and introductory algebra whilst fostering problem-solving skills and critical thinking. This course encourages questions and discussion and serves as a steppingstone for academic growth, empowering students to gain confidence and prepare for future math courses. Students who are experiencing difficulty, with Year 11 General Mathematics and/or who have undergone Units 1 & 2 Foundation Mathematics may be invited into this subject in Year 12. Invitations will be based on student results and teacher recommendation.

#### The major topics of this subject are:

- » Measurement
- » Fractions, decimals and percentages
- » Ratios and rates
- » Statistics
- » Financial mathematics

#### In this subject you will learn how to:

- » Consolidate knowledge of the rational number system, in particular, extend their knowledge decimals from previous years and extend this to include negative numbers
- » Interpret and use ratios and demonstrate an understanding of the relationship between ratios, fractions and percentages
- » Use formulae and mathematical models to solve practical problems involving measurement
- » Collect, present and analyse data
- » Consider different forms of data representation

- » Create appropriate and effective data summaries investigate mental, by-hand and technology assisted computation with practical financial arithmetic including simple interest and compound interest
- » Compare purchase options

#### How your achievement in this subject will be evaluated:

- » Application tasks
- » Modelling and problem-solving tasks

#### Why this subject might be of interest to you:

- » In preparation for further study
- » It provides life skills.

## VCE UNITS 3 & 4

### General Mathematics

Units 3 & 4 General Mathematics encompasses a wide range of mathematical concepts and applications, focusing on developing students' problem-solving and analytical skills. This course delves into concepts such as matrices, statistics, networks, and financial mathematics. It aims to equip students with a deeper understanding of mathematical concepts and their practical applications in various real-world scenarios. Through exploring complex mathematical concepts and problem-solving strategies, Units 3 & 4 General Mathematics enables students to develop the mathematical skills, knowledge, and problem-solving capabilities necessary to thrive in the real world.

#### The major topics of this subject are:

- » Statistics - univariate and bivariate
- » Regression
- » Transformations
- » Time series
- » Networks
- » Financial and recursion
- » Matrices

#### In this subject you will learn how to:

- » Represent, analyse and compare data
- » Investigate relationships between two numerical variables
- » Use matrices to model practical situations and solve a range of related problems
- » Use definitions and applications of directed and undirected graphs
- » Cover mental, by hand and technology assisted computation with practical financial arithmetic, including estimation, order of magnitude and accuracy, simple interest, compound interest, comparison of purchase options and cash flow

#### How your achievement in this subject will be evaluated:

- » Application tasks
- » Modelling and problem-solving tasks

#### Why this subject might be of interest to you:

- » In preparation for further study
- » For life skills it provides.



## VCE UNITS 3 & 4

### Mathematical Methods

Mathematical Methods is a comprehensive subject that covers a wide range of mathematical topics. It is designed to provide students with a strong foundation in calculus, algebra, and functions, which are essential for further studies in Mathematics, Science, Engineering, and related fields. Mathematical Methods explores concepts such as differentiation, integration, exponential and logarithmic functions, as well as trigonometric functions and their applications. The subject emphasises problem-solving, critical thinking, and mathematical reasoning skills. Through Mathematical Methods, students develop their mathematical fluency and gain the ability to analyse and solve complex problems using mathematical techniques and methodologies.

#### The major topics of this subject are:

- » Functions and graphs
- » Transformations
- » Exponentials and logarithms
- » Probability
- » Circular functions
- » Differential calculus
- » Integral calculus

#### In this subject you will learn how to:

- » Explore transformations of the plane and the behaviour of some elementary functions of a single real variable
- » Explore the behaviour of functions and their graphs and link them to applications in practical situations.
- » Cover the algebra of functions, including composition of functions, simple functional relations, inverse functions, recognition and solving of equations and systems of equations.
- » Investigate the graphical treatment of limits, continuity and differentiability of functions of a single

real variable, and differentiation, anti-differentiation and integration functions.

- » Cover discrete and continuous random variables.

#### How your achievement in this subject will be evaluated:

- » Application tasks
- » Modelling and problem-solving tasks

#### Why this subject might be of interest to you:

- » In preparation for further study
- » In preparation for a career involving mathematics
- » For interest and enjoyment of mathematics.

## VCE UNITS 3 & 4

### Specialist Mathematics

This particular subject offers an extensive and advanced level of mathematical education, catering to individuals where a strong mathematical background is a prerequisite. This subject prepares students for undertaking Units 3 & 4 Specialist Mathematics and is also an ideal additional preparation for Units 3 & 4 Mathematical Methods. The topics in Units 1 & 2 broaden students' mathematical experience and provide different scenarios for incorporating mathematical arguments and problem solving. It provides students with an opportunity to blend their algebraic and geometric thinking.

#### The major topics of this subject are:

- » Functions and graphs
- » Complex numbers
- » Vectors and vector calculus
- » Kinematics
- » Logic and proof
- » Differential calculus
- » Integral calculus

#### In this subject you will learn how to:

- » Analyse key features of graphs of inverse circular functions, reciprocal functions, rational functions, absolute value function and other simple quotient functions. Use advanced calculus techniques for analytic and numeric differentiation and integration of a range of functions, and combinations of functions; and their application in a variety of theoretical and practical situations
- » Investigate arithmetic and algebra of complex numbers, including polar form; points and curves in the complex plane.
- » Explore the arithmetic and algebra of vectors, linear dependence and independence of a set of vectors, proof of geometric results using vectors, vector representation of curves in the plane and vector kinematics in one and two dimensions

- » Delve into proof techniques, such as direct proof, indirect proof (proof by contradiction), and proof by mathematical induction
- » Relate statistical inference to the definition and distribution of sample means, simulations, confidence interval, hypothesis testing

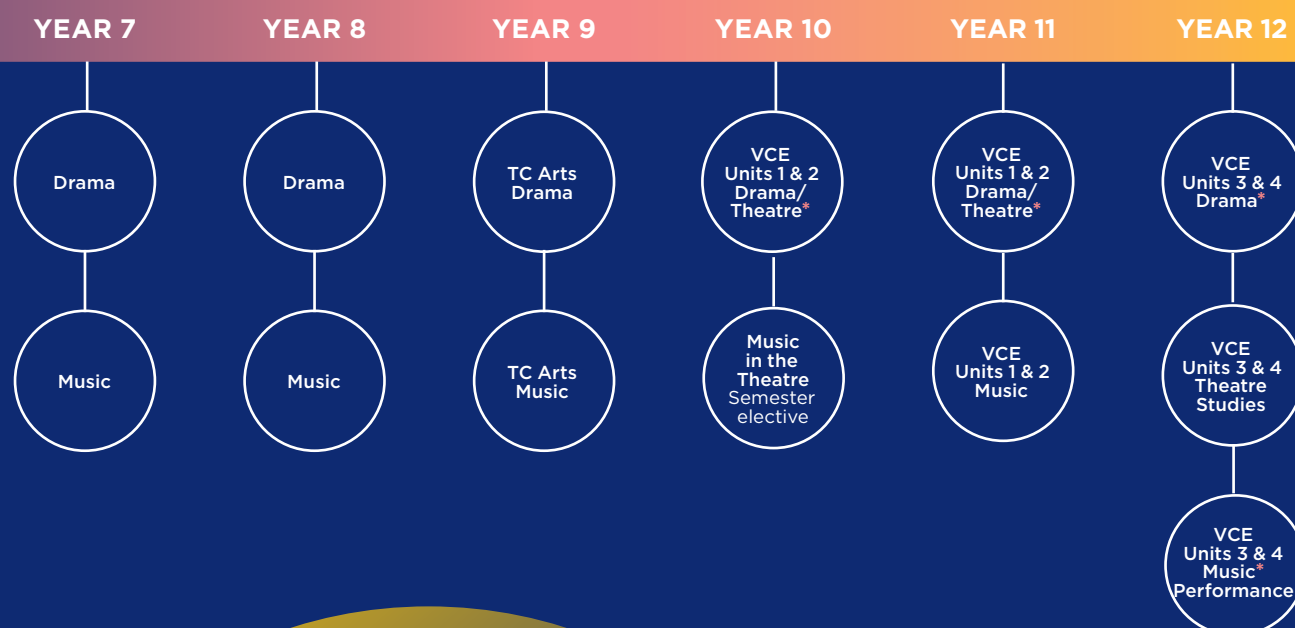
#### How your achievement in this subject will be evaluated:

- » Application tasks
- » Modelling and a problem-solving task

#### Why this subject might be of interest to you:

- » In preparation for further study
- » In preparation for a career involving mathematics
- » For interest and enjoyment of mathematics.

# Performing Arts



\* Acceleration offered

Please note: VCE Drama and Theatre Studies alternate every year.

## YEAR 7

### Drama

The Year 7 Drama course introduces the students to a vast array of drama styles and conventions with the specific aim of developing drama awareness, personal confidence, and performance skills in a safe and affirming environment. Students will be introduced to a new drama project every week, which they will explore and develop into a performance piece. They will work collaboratively brainstorming, creating, developing and refining their performance project. Students will be given the opportunity to perform their work every week so that performance skills are constantly being developed and refined. Critical reflection and evaluation follow every performance assignment.

#### The major topics of this subject are:

- » Student devised theatre.
- » Dance drama
- » TV commercial
- » Fairytale
- » Murder mystery
- » Soap operas
- » Thriller
- » Musical comedy
- » The western
- » Scripts
- » Gangster plays

#### In this subject you will learn how to:

- » Develop a love of theatre and performance by being introduced to a range of theatrical styles and performance opportunities
- » Develop creativity and imaginative thinking by creating drama performances from different stimulus material
- » Develop the skills to work collaboratively to solve problems while creating plays for performance
- » Develop lateral thinking skills, the ability to think outside-the-box
- » Develop improvisation skills. To be able to think your feet
- » Develop a capacity to use stagecraft to enhance the impact of a performance. Stagecraft areas include costume, props, make up, sound and lighting

- » Develop performance skills and the confidence to present in front of an audience
- » Develop the capacity to critically evaluate drama performances

#### How will my achievement in this subject be evaluated:

- » You will present a performance piece every lesson and it will be assessed on the following criteria –
- » Narrative development. Fully developed and resolved with a clear introduction, body and conclusion
- » Imaginative response to the stimulus material. Ability to create surprising twists and interpretations
- » Character development
- » Performance focus and skill
- » Ability to work in a specific theatrical styles or genres

#### Why this subject might be of interest to you?

- » Drama is highly interactive. You will work collaboratively every lesson and learn about different theatrical styles and genres every week.

## YEAR 7

### Music

Students explore how music works as a form of expression and communication both within western art music and indigenous cultures.. They engage with and develop knowledge, skills and understanding of music as an art form. Students are provided with a broad-based knowledge of fundamental aspects of music such as the musical elements of pitch, rhythm, tempo, dynamics, form, harmony, musical expression and notation. They are also introduced to the infinite creative possibilities of self expression, through the use of technology and practical based activities including singing, recording and sharing, rehearsing and performing a range of ensemble music.

#### The major topics of this subject are:

- » Pulse, rhythm, rap
- » Form, melody, harmony, texture
- » Story telling through music
- » Group performance
- » Notation literacy
- » What instrument is that?

#### In this subject you will learn how to:

- » Compose, create, rehearse, perform and record
- » Sing in unison and simple parts as a class
- » Perform from instrumental written scores
- » Listen to music with greater understanding and appreciation
- » Understand programmatic elements in Western and Indigenous music
- » Develop music literacy skills

#### How your achievement in this subject will be evaluated:

- » Practical activities
- » Performance
- » Quizzes
- » Small written tasks

#### Why this subject might be of interest to you:

- » Engaging practical exploration of a wide range of music styles and genres.





## YEAR 8

### Drama

The Year 8 Drama course builds upon the skills acquired in Year 7, with an emphasis on collaboration, planning, and presentation of well-structured drama statements. It aims to enhance students' performance skills while introducing them to the conventions of Elizabethan theatre, Greek theatre, improvisation, and pantomime. An important objective of the course is to cultivate students' understanding and appreciation of historical theatre forms throughout history. Additionally, students will be encouraged to utilise theatrical terminology when discussing their work.

#### The major topics of this subject are:

- » Elizabethan theatre
- » Greek theatre
- » Improvisation and pantomime

#### In this subject you will learn how to:

- » Develop and refine vocal and physical expressive skills to present a range of characters
- » Study the different performance styles and associated theatrical conventions of Elizabethan theatre, Greek theatre, improvisation and pantomime, with a focus on the development of performance skills and critical analysis
- » Adapt a children's story to present to an audience from the ELC, utilising the production areas of lighting, set, costumes, props and sound to enhance your performance

#### How your achievement in this subject will be evaluated:

- » Through your participation in workshops and contributions to class discussions. Participation involves sharing ideas, asking questions, and offering insights during reflective conversations
- » The application of performance and expressive skills during presentations
- » Students will also be assessed on their ability to work collaboratively with others throughout the playmaking process. Your teamwork skills, such as communication and cooperation, will be evaluated. The ability to contribute positively to group dynamics and respect diverse perspectives will also be considered

#### Why this subject might be of interest to you:

- » In Drama, you will have the opportunity to share your ideas in a supportive environment, developing your confidence and improving your public speaking and presentation skills.

## YEAR 8

### Music

Music at Year 8 is for one semester. Students continue working with the elements of music and explore the use of music in film, television, advertising and song writing. They continue to compose music using Digital Audio Workstations such as Soundtrap and perform in small ensembles and a class group at a more sophisticated level.

#### The major topics of this subject are:

- » Film and television music
- » Analysis and purpose of music in advertising
- » Song writing
- » Composition/creating
- » Performance

#### In this subject you will learn how to:

- » Practise, rehearse and perform a range of ensemble music
- » Advanced music editing and creating
- » Advanced composition including use of the four-chord pop song structure and improvisation
- » Write original lyrics, hooks and melodies
- » More advanced drum notation and diatonic chord progressions

#### How your achievement in this subject will be evaluated:

- » Performance
- » Research
- » Composition
- » Short written responses and quizzes

#### Why this subject might be of interest to you:

- » Engaging practical exploration of a wide range of music styles and genres.



## YEAR 9

### TC Arts: Drama

Year 9 Drama aims to extend the students' knowledge of theatrical styles and performance skills through devising theatre. Students will explore play-making techniques as they research, script, edit, rehearse and present an original performance based on stimulus material selected by the students. They will make directorial decisions when utilising theatrical conventions and work collaboratively to incorporate production elements such as sound, lighting, costume, props and set design to enhance their performance work. Students will also participate in workshops crafted to develop essential performance skills that can be applied across various disciplines. These workshops incorporate theatre-making experiences but also equip students with transferable skills.

#### The major topics of this subject are:

- » Devising theatre
- » Theatrical styles and conventions
- » Performance and presentation skills

#### In this subject you will learn how to:

- » Work collaboratively to devise an original theatre performance
- » Develop and refine your vocal and physical expressive skills to present a range of characters
- » Apply production areas to enhance your devised performance
- » Explore theatrical styles and their associated conventions
- » Refine your performance skills to engage an audience during presentations

#### How will my achievement in this subject be evaluated:

- » Through participation in workshops and class performances
- » Through the application of the play-making process, including folio designs
- » Students will also be assessed on their ability to work creatively with others through collaboration, cooperation, negotiation and focus

#### Why this subject might be of interest to you:

- » Students will learn to understand and relate to others' perspectives by exploring various contexts, stories, and cultures.

## YEAR 9

### TC Arts: Music

In Music students research and investigate how music is used to convey a powerful message and in particular analyse how musical elements are manipulated as a basis for their own creative response. Practical music making activities include learning to play the ukulele and standard drum kit patterns culminating in small band preparation and performances. Students elect which form their response will take. Options include an original song, a rewriting of lyrics to existing material of their choice; a remix of existing material, a Rock Eisteddfod item incorporating dance with their music selections or a music video. All students undertake a reflection of their creative process irrespective of the medium chosen.

#### The major topics of this subject are:

- » Songwriting, remixing, creating
- » Music with a purpose
- » Learn to play frequently used chords on the ukulele
- » Drum kit patterns with variations in two styles
- » The Four Chord Pop song
- » Form a band to arrange, rehearse and record

#### In this subject you will learn how to:

- » Use music and/or dance to convey a strong message
- » Advanced music editing and multi track recording using software
- » Write an original song in a popular music structure
- » Write a Tay Creggan unique anthem or theme song
- » While singing and performing your work is encouraged it is not a requirement.
- » Form a band to arrange, rehearse and record using drum kit and ukulele

#### How will my achievement in this subject be evaluated:

- » Submission of composition, rewrite or performance
- » Written reflection
- » Performance either live or recorded of ukelele and drum band

#### Why this subject might be of interest to you:

- » An interest in popular music and its power
- » Dance and music to tell a story or convey a strong message
- » Song writing and/or performing
- » Practical group singing and playing.









## YEAR 10

### Music in the Theatre (one semester)

*Year 10 Music is one semester of study.* This course gives students the opportunity to further their musical skills in a practical environment. This subject aims for students to develop their personal voice as a performer, composer and audience member. Students develop their technical and expressive performance skills through master classes with visiting artists and through practical assessment and performances. Through the exploration of a variety of works, students refine listening and analysis skills including specific vocabulary, score reading, musical techniques and devices. They learn to apply stylistic knowledge to compose and develop their aural, oral and theory skills through a variety of context.

#### The major topics of this subject are:

- » Performing (Solo & Ensemble)
- » Creating
- » Music Language (Aural, Theory & Analysis)

#### In this subject you will learn how to:

- » Develop technical and expressive performance skills through masterclasses with visiting artists and through practical assessment and solo performances
- » Develop a personal musical voice through performance, listening and composition
- » Evaluate musical performance
- » Listening and analysis skills including specific vocabulary, score reading, musical techniques and devices
- » Determine how composers communicate ideas to their audiences with melody, harmony and musical effects through the exploration of a variety of musical genres
- » Apply stylistic knowledge to compose original works
- » Develop aural and theory skills to equip students with essential knowledge to apply in a variety of musical contexts

#### How your achievement in this subject will be evaluated:

- » Solo performance assessment within both the class and with an external audience
- » Composition works
- » Aural and Theory tests
- » Musicianship tests
- » Class ensemble

#### Why this subject might be of interest to you:

- » Developing your performance skills
- » Developing your listening skills
- » In preparation for further music study
- » To compliment current music study
- » To further your enjoyment of music

## VCE UNITS 1 & 2

### Drama/Theatre

*Year 10 students may select this as a semester elective.* This course offers a comprehensive introduction to both Drama and Theatre Studies, providing a foundation for future VCE studies. In Semester One, students are immersed in the world of acting, directing and production design, with a focus on contemporary theatre practices. In Semester Two, students explore Australian identity through contemporary drama practices with an emphasis on the development of expressive skills, allowing students to explore their creative potential as they devise original performances. They investigate performance styles that push traditional boundaries and blend various art forms, genres, and disciplines, whilst developing skills in analysing and evaluating professional theatre.

#### The major topics of this subject are:

- » Contemporary theatre styles and practitioners
- » Planning, development, and presentation of scripted performances
- » Devised theatre
- » Professional performance analysis

#### In this subject you will learn how to:

- » Understand the conventions of contemporary theatre styles
- » Identify and describe production processes and innovations in contemporary theatre
- » Conduct dramaturgical research and discuss the impact of theatre on audiences
- » Work collaboratively in production roles to apply elements of theatre composition to interpret scripts for performance
- » Apply safe, ethical, inclusive, and sustainable practices in theatre
- » Analyse and evaluate a theatre production

#### How your achievement in this subject will be evaluated:

- » A production folio
- » Presenting a scripted or devised performance
- » Written performance evaluations and analysis tasks
- » End-of-year written examination

#### Why this subject might be of interest to you:

- » The curriculum covers various aspects of the VCE Drama and Theatre Studies course, including devised and scripted theatre and designing for productions.
- » Drama and Theatre Studies students develop highly transferable skills in collaboration, creative and critical thinking, and performance and presentation skills.



## VCE UNITS 1 & 2

### Music

Students explore and develop their understanding of how music is organised and can be used to create an intended effect. Through performing, creating, analysing and responding to a variety of music works, students explore and develop their understanding of the possibilities of musical organisation and develop their understanding. They convey meaning and/or emotion to an audience through musicmaking and development of performance skills.

#### The major topics of this subject are:

- » Performance
- » Listening and responding
- » Creating
- » Musicianship

#### In this subject you will learn how to:

- » Prepare and present performances of at least 2 ensemble and/or solo musical works to develop technical control, expression and stylistic understanding on the chosen instrument/sound source.
- » Identify performance challenges in selected works, demonstrate and discuss a planned approach to improving relevant technique and presentation of the selected works for performance.
- » Create (arrange, compose or improvise) a folio of short music creative responses
- » Become familiar with ways music creators treat elements of music and concepts, and use compositional devices to create works that communicate ideas.
- » Explore ways to develop and refine music ideas; describing, documenting and reflecting on the creative process and ways digital tools are used to develop, record, refine, document and preserve music.
- » Develop auditory discrimination and memory skills through identifying, recreating and documenting music

language concepts such as chords, scales, melodic and rhythmic patterns.

#### How will my achievement in this subject be evaluated?

- » A performance of a minimum of 2 works, including at least 1 group or ensemble work for each semester.
- » A folio of composition and/or improvisation exercises containing recordings and drafts that demonstrates an understanding of the organisation of music.
- » Aural, oral, written and creative tasks forming a folio of exercises; responses to structured questions and a workbook of class activities culminating in a listening and responding semester test.

#### Why this subject might be of interest to you:

- » In preparation for further study
- » Developing music performance skills
- » For life outside work and education
- » A breadth study and following an interest.

## VCE UNITS 3 & 4

### Theatre Studies (Offered in 2027)

Students engage in the theatre production process by interpreting scripts for performance, working as actors, directors, or designers to realise their interpretations. They develop their knowledge of theatrical styles and through evaluating and analysing professional productions and reflect upon their own artistic and directorial choices when developing a monologue performance or production designs for the end of year examination.

#### The major topics of this subject are:

- » Script interpretation
- » Performance analysis
- » Monologue interpretation

#### In this subject you will learn how to:

- » Apply the conventions of contemporary theatre styles
- » Collaborate with peers to interpret a script
- » Explore the production process
- » Develop technical skills in specific production roles
- » Research historical, cultural, and social contexts of scripts and performances

#### How will my achievement in this subject be evaluated:

- » Scripted performance
- » Design folio
- » Written report
- » End of year written examination and monologue examination (acting or design options)

#### Why this subject might be of interest to you:

- » Theatre Studies allows students to explore and express their creativity through acting, directing, and design. It provides a platform for students to tell stories and interpret scripts from multiple perspectives, developing empathy for others.
- » Analysing scripts and theatrical productions develops critical thinking and analytical skills.
- » Theatre is inherently collaborative. Students work together on productions, learning to communicate effectively, share ideas, and support each other.
- » Students explore a wide range of cultural and historical contexts. They gain an appreciation for different cultures and periods through the study of various plays and theatrical styles.
- » Performing in front of an audience can increase confidence and presentation skills. Alternatively, students who do not want to perform have the opportunity to present their design ideas.

## VCE UNITS 3 & 4

### Drama (Offered in 2028)

Students explore the work of drama practitioners and contemporary practices to devise their own ensemble and solo performances. Collaborating with their peers, they explore a range of theatrical styles and conventions and develop their creative ideas into meaningful performances. Students attend a live professional drama performance from the VCE Playlist for analysis and evaluation, developing their critical thinking skills and understanding of eclectic theatre styles.

#### The major topics of this subject are:

- » Ensemble performance
- » Performance analysis and evaluation
- » Solo performance

#### In this subject you will learn how to:

- » Explore the conventions of eclectic theatre styles
- » Collaborate with others to create and present devised performances
- » Understand how various theatrical conventions and styles can be utilised effectively
- » Refine your physical and vocal expressive skills to create a range of characters
- » Communicate ideas to an audience
- » Critically analyse and evaluate performances

#### How will my achievement in this subject be evaluated:

- » Devised performance
- » Written report
- » Oral presentations
- » End-of-year written examination and solo performance examination

#### Why this subject might be of interest to you:

- » Drama provides an outlet for students to express themselves creatively through developing their ideas into devised theatre performances
- » Students explore complex themes and study various historical, cultural, and social contexts, connecting ideas in relevant, imaginative and meaningful ways
- » Drama builds confidence and self-esteem, and develops essential communication and collaboration skills
- » Drama encourages critical and creative thinking through the playmaking process, analysing and evaluating professional performances and reflecting upon their own work.

## VCE UNITS 3 & 4

### Music Performance

Students develop the externally assessed 20 minute recital program they will present in Unit 4. Consideration is given to the historical performance practices and interpretative traditions that inform the styles represented in their programs. They analyse relevant technical, expressive and stylistic challenges in their program to refine and enhance their performance. Students listen, respond to, analyse and discuss the interpretation of musical and expressive elements and concepts in a wide range of music. They refine and develop their aural recognition of concepts such as scales, melodies, chords, harmonies and rhythm, recreating, notating and transcribing short excerpts of music using voice or instrument. Performance practice, masterclasses and ensemble rehearsals continue throughout the year as a key class activity.

#### The major topics of this subject are:

- » Performing – Masterclass and Performance Practice
- » Analysis for performance
- » Listening and Responding
- » Aural and Theory Musicianship

#### In this subject you will learn how to:

- » Explain the artistry and practical considerations used to select a program of works for performance
- » Demonstrate a diverse range of techniques and expressive qualities
- » Demonstrate and discuss techniques related to performance, including aspects of
- » Expressive, interpretative and technical considerations together with a selection of
- » Appropriate practice strategies
- » Discriminate and discuss the interpretation of expressive elements of music, and identify, recreate, notate and transcribe short excerpts of music using voice or instrument.

#### How will my achievement in this subject be evaluated:

- » A short written/oral task
- » A viva voce discussion and

demonstration

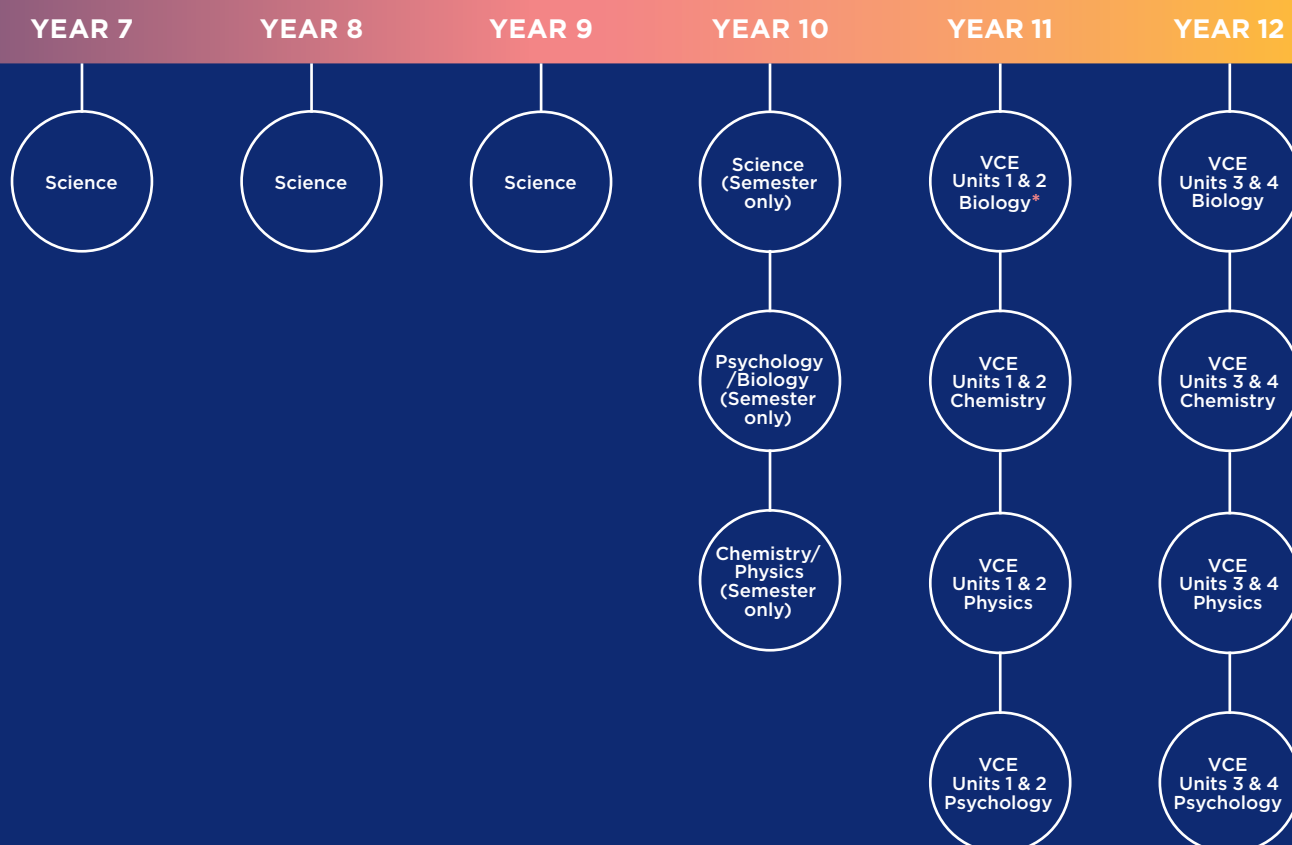
- » A test that will consist of written responses to structured questions
- » A practical demonstration/ test of music language knowledge and skills
- » Performance (S/N – Unit 3)
- » School-assessed Coursework for Unit 3 contributes 20% to the final Unit 3-4 study score.
- » A viva voce discussion and demonstration. SAC contributes 10% to the final 3-4 study score
- » Performance - An externally assessed live performance examination of 20 mins. The student may present as a soloist or as a member of a group. Contributes 50% to the final Unit 3-4 study score.
- » End-of-year aural and written examination of 60 minutes duration. The externally set and assessed examination contributes 20% to the final Unit 3-4 study score.

#### Why this subject might be of interest to you:

- » Engaging practical exploration of a wide range of music styles and genres.



# Science



\* Acceleration offered

## YEAR 7

### Science

Students explain the role of classification in ordering and organising information about living and non-living things. They classify the diversity of life on Earth into major taxonomic groups. Students classify different forms of energy and describe the role of energy in causing change in systems. They use and develop models including food chains, food webs and the water cycle to represent and analyse the flow of energy and matter through ecosystems and explore the impact of changing components within these systems. Students link form and function at a cellular level and explore the organisation and interconnectedness of body systems. Students make accurate measurements and control variables in experiments to analyse relationships between system components and explore and explain these relationships using appropriate representations. They make predictions and propose explanations, drawing on evidence to support their views.

#### The major topics of this subject are:

- » Properties of matter
- » Mixtures
- » Cells
- » Forces
- » Energy
- » Classification
- » Habitats & interactions

#### In this subject you will learn how to:

- » Write a hypothesis
- » Write a scientific report
- » Gather data
- » Classify phenomena

#### How your achievement in this subject will be evaluated:

- » Tests
- » Practical investigation reports
- » Assignments
- » Analysis and application tasks

#### Why this subject might be of interest to you:

- » Students are introduced to scientific phenomena that will broaden their understanding of everyday issues that directly and indirectly impact their lives
- » Students are develop their scientific literacy which will enhance their ability to grasp contemporary issues.

## YEAR 8

### Science

Students investigate relationships in the Earth-Sun-Moon system and use models to predict and explain astronomical phenomena. They explore the organisation and interconnectedness of body systems. Similarly, they explore changes in matter at a particle level, and distinguish between chemical and physical change. Students make accurate measurements and control variables in experiments to analyse relationships between system components and explore and explain these relationships using appropriate representations. They make predictions and propose explanations, drawing on evidence to support their views.

#### The major topics of this subject are:

- » Working scientifically
- » Matter and change
- » Body systems
- » Light and sound
- » Earth and space
- » Plant reproduction
- » Simple machines

#### In this subject you will learn how to:

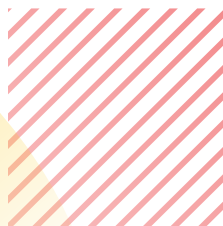
- » Design a controlled experiment
- » Develop tables and graphs in MS Excel
- » Measure density
- » Explain the workings of systems of the body
- » Test what conditions support seed germination
- » Use machines to reduce the force required to lift heavy objects

#### How your achievement in this subject will be evaluated:

- » Tests
- » Practical investigation reports
- » Assignments
- » Analysis and application tasks

#### Why this subject might be of interest to you:

- » Students are exposed to contemporary phenomena that both directly and indirectly impact their lives
- » Students explain how evidence has led to an improved understanding of a scientific idea.
- » They discuss how science knowledge can be applied to generate solutions to contemporary problems and explain how these solutions may impact society.



## YEAR 9

### Science

Year 9 Science focuses on developing students' scientific literacy through inquiry-based learning. Topics include the study of the nervous and endocrine systems, atomic structure, radiation, ecosystems, and disease. Students will develop skills in designing experiments, gathering and analysing data, and communicating scientific findings. Emphasis is placed on analysis and application, as well as critical thinking and problem-solving skills.

#### The major topics of this subject are:

- » Nervous and endocrine systems
- » Science investigation
- » Chemistry
- » Radiation
- » Disease
- » Ecosystems

#### In this subject you will learn how to:

- » Understand how we sense and interpret the world around us
- » Design and conduct a scientific investigation
- » Research an infectious disease
- » Explore the structure of the atom, and relate this to types of radiation
- » Recognise the importance of biodiversity in ecosystems

#### How your achievement in this subject will be evaluated:

- » Tests
- » Case studies
- » Research investigations
- » Analysis of primary and/or secondary data
- » Multi-media research task
- » Examination

#### Why this subject might be of interest to you:

- » Year 9 Science provides students with opportunity to develop a greater sense of themselves as scientists and to also develop a greater appreciation of science as a human endeavour
- » Students utilise their location at Tay Creggan, studying the Yarra River as an ecosystem
- » Their science skills are further enhanced with significant practical work undertaken in the study of Chemistry.





## YEAR 10

### Core Science

*This subject runs for a semester only.*

In this semester subject of Core Science, students study various types of reactions in the Chemistry topic. They represent chemical change using the correct symbols and formulae to construct balanced chemical equations. Factors which affect reaction rate will also be investigated. In the Biology component of the course, students study the structure of DNA and the genetic basis of inheritance. They predict outcomes of monohybrid crosses using Punnett squares and analyse pedigrees for patterns of inheritance. In the Physics topic, students investigate force and motion, including distance, displacement, speed and acceleration of objects. They relate Newton's three Laws of Motion to various scenarios.

#### The major topics of this subject are:

- » Genetics
- » Chemical Reactions
- » Force and Motion

#### In this subject you will learn how to:

- » Use pedigrees and Punnett squares to analyse genetic information
- » Identify types of chemical reactions
- » Identify and explain factors which affect reaction rate
- » Use acceleration and velocity to describe moving objects

#### How your achievement in this subject will be evaluated:

- » Tests
- » Practical investigations
- » Analysis of primary and/or secondary data
- » Case studies
- » Problem solving tasks

#### Why this subject might be of interest to you:

- » Develop scientific understanding about the world around us
- » Set a solid foundation for VCE Biology, Chemistry and Physics courses
- » Learning through doing. Conducting experiments and using simulations in learning activities.

## YEAR 10

### Psychology/Biology

*This subject runs for a semester only.*

In this elective, students study both Biology and Psychology as individual subjects and as shared ideas. The Psychology unit covers the characteristics of Addiction and Aggression and scenarios of each from everyday life. In the Biology unit, students study various theories about Evolution, including Darwin's theory of Natural Selection, and evidence of evolution, such as fossils.

#### How your achievement in this subject will be evaluated:

- » Topic test
- » Research Analysis Task
- » Practical investigation – analysis of primary data
- » Examination

## YEAR 10

### Chemistry/Physics

*This subject runs for a semester only.*

In this elective, students study both Chemistry and Physics. In the Organic Chemistry unit, students studied various hydrocarbons, and examples of thermoplastic polymers and thermosetting polymers. In the Physics unit students investigated electricity, including resistance in series, parallel and combination circuits.

#### How your achievement in this subject will be evaluated:

- » Topic test
- » Research Task
- » Practical and application task
- » Examination

## VCE UNITS 1 & 2

### Biology

In Unit 1, students examine the cell as the structural and functional unit of life, from the single celled to the multicellular organism, including the requirements for sustaining cellular processes. Students focus on cell growth, replacement and death and the role of stem cells in differentiation, specialisation and renewal of cells. They explore how systems function through cell specialisation in vascular plants and animals and consider the role homeostatic mechanisms play in maintaining an animal's internal environment. In Unit 2, students explore reproduction and the impact this has on species diversity. Students consider how the relationship between genes, and the environment and epigenetic factors influence phenotypic expression. They explain the inheritance of characteristics, analyse patterns of inheritance, interpret pedigree charts and predict outcomes of genetic crosses. Students analyse the advantages and disadvantages of reproductive cloning technologies. They study adaptations that enhance an organism's survival and explore interdependences between species and consider the contributions of Aboriginal and Torres Strait Islander knowledge and perspectives in understanding the survival of organisms in Australian ecosystems.

#### The major topics of this subject are:

- » Cell structure, function and reproduction
- » Homeostatic mechanisms involved in multicellular organisms
- » Stem cells and related technologies
- » Genetics and inheritance
- » Ecological interdependencies

#### In this subject you will learn how to:

- » Design and conduct a controlled experiment
- » Effectively use a light microscope to view cells
- » Analyse quantitative and qualitative data
- » Present genetic inheritance patterns in Punnett squares and pedigrees
- » Report concisely and accurately on investigations
- » Examine scenarios under various bioethical lenses

#### How your achievement in this subject will be evaluated:

- » Case studies
- » Practical investigation – analysis of primary data
- » Analysis of second-hand data
- » Student designed practical investigation
- » Problem solving task
- » Analysis of a bioethical issue
- » Examination

#### Why this subject might be of interest to you:

- » Life sciences such as health, medicine, environmental and veterinary science are greatly assisted by having an understanding of the concepts covered
- » The skills and knowledge are highly transferrable to everyday life situations.

## VCE UNITS 1 & 2

### Chemistry

In Unit 1 Chemistry, students investigate the chemical structures and properties of a range of materials, including covalent compounds, metals, ionic compounds and polymers, as well as quantifying substances. In Unit 2 Chemistry, students analyse and compare different substances dissolved in water and the gases that may be produced in chemical reactions. They explore applications of acid-base and redox reactions in society. Their understanding is enhanced by conducting practical investigations throughout the course.

#### The major topics of this subject are:

- » Structure of covalent, ionic and metallic materials, and their physical properties and chemical reactions
- » Quantifying materials
- » Organic compounds
- » Polymer and society
- » Water and its properties
- » Acid-base reactions
- » Redox reactions
- » Measuring and analysing acids and bases, gases and concentrations

#### In this subject you will learn how to:

- » Explain the properties of different materials and their purification methods
- » Name organic compounds, explain how polymers can be designed for a purpose, and evaluate their impact on human health and the environment
- » Explain the properties of water in terms of structure and bonding, and experimentally investigate and analyse applications of acid-base and redox reactions in society
- » Quantify substances in moles
- » Qualitatively and quantitatively analyse acids, bases and salts
- » Design and carry out a scientific investigation, and draw an evidence-based conclusion from the results

#### How your achievement in this subject will be evaluated:

- » Topic tests
- » Research investigation
- » Practical investigation – analysis of primary data
- » Data analysis – secondary data task
- » Examination

#### Why this subject might be of interest to you:

- » There are opportunities for hands-on learning, such as experiments, and practical investigation
- » You will develop more intellectual curiosity and engagement with the world around you
- » Preparation for further academic study in related fields or for careers in specific industries.

## VCE UNITS 1 & 2

### Physics

The study of VCE Physics involves investigating, understanding and explaining the behaviour of physical phenomena in the Universe. Models, including mathematical models, are used to explore, simplify and predict how physical systems behave at varying scales from the very small (quantum and particle physics) through to the very large (astronomy and cosmology). Beginning with classical ideas and considering their limitations, and then being introduced to more modern explanations of the world, provides a novel lens through which students experience the world around them, drawing on their natural curiosity and wonder.

#### The major topics of this subject are:

- » How are light and heat explained?
- » How is energy from the nucleus utilised?
- » How can electricity be used to transfer energy?
- » How is motion understood?
- » How does physics inform contemporary issues and applications in society?
- » How do instruments make music?
- » How do physicists investigate questions?

#### In this subject you will learn how to:

- » Understand key physics principles and theories
- » Apply mathematical formulas to solve physics problems
- » Conduct scientific experiments and interpreting results
- » Use critical thinking and problem-solving using physics concepts
- » Analyse graphical and data analysis related to physics studies
- » Communicate complex physics ideas and findings effectively

#### How your achievement in this subject will be evaluated:

- » Problem solving
- » Application tasks
- » Research investigation/ assignment
- » Practical investigation – analysis of primary data
- » Data analysis – secondary data task
- » Examination

#### Why this subject might be of interest to you:

- » Curiosity and Understanding: Physics helps to answer fundamental questions about the universe and our world. It can be fascinating for students who have a deep curiosity about how things work, from the smallest particles to the vastness of the cosmos
- » Career Prospects: Studying physics opens up a wide range of career opportunities in sectors such as engineering, astronomy, healthcare, energy, and technology, to name a few.

## VCE UNITS 1 & 2

### Psychology

Students examine the complex nature of psychological development of thoughts, emotions and behaviours. They investigate the structure and functioning of the human brain and the role it plays in mental processes and behaviour and explore brain plasticity and the influence that brain damage may have on a person's psychological functioning. Students evaluate the role social cognition plays in a person's attitudes, perception of themselves and relationships with others. Students explore a variety of factors and contexts that can influence the behaviour of individuals and groups. Students examine human perception and why individuals and groups behave in specific ways and how their perception of stimuli can be distorted.

#### The major topics of this subject are:

- » The role of nature vs nurture on development
- » Psychological development over the lifespan
- » The classification of typical vs atypical behaviour in a mental health assessment
- » Neurodiversity & neuroplasticity
- » The role of key brain structures in behaviour
- » The impact of brain trauma on behaviour and cognition
- » The influence of prejudice and discrimination on social cognition
- » The role of social groups, obedience, conformity on individual behaviour
- » Biopsychosocial influences on perception and mental health

#### In this subject you will learn how to:

- » Develop a means of gathering and analysing primary data
- » Evaluate secondary data
- » Plan, conduct and evaluate a research investigation of a contemporary issue in Psychology
- » Synthesize the key findings of historical studies that have

contributed to the literature of a psychological issue

#### How your achievement in this subject will be evaluated:

- » Media article analysis
- » Research investigation/ assignment
- » Case studies
- » Examination

#### Why this subject might be of interest to you:

- » In preparation for further study in the area of psychology
- » For career skills
- » To gain insights into the mechanics of the human mind
- » To gain further acceptance of humanity in terms of neurodiversity.



## VCE UNITS 3 & 4

### Biology

In Unit 3, students explore the relationship between nucleic acids and proteins; gene structure and expression. They examine the biological consequences of manipulating the DNA molecule. Students explore the structure, regulation and rate of biochemical pathways and the application of biotechnologies to biochemical pathways. In Unit 4, students study the human immune system and the interactions between its components. They consider how the application of biological knowledge can be used to respond to bioethical issues and challenges related to disease. Students consider the impact of various change events on a population's gene pool and the biological consequences of changes in allele frequencies. Students examine the evidence for relatedness between species and for structural trends in the human fossil record. A student practical investigation related to cellular processes and/or responses to challenges over time is undertaken in either Unit 3 or Unit 4.

#### The major topics of this subject are:

- » Nucleic acids and proteins
- » DNA manipulation
- » Biochemical pathways
- » Immunology
- » Evolution

#### In this subject you will learn how to:

- » Design and conduct a controlled experiment
- » Analyse a biological case study from a bioethical standpoint
- » Explain how enzymes are involved in some major biochemical pathways
- » Use a DNA code to identify the structure of a protein
- » Track the process of fighting an infectious disease and gaining immunity
- » Analyse evidence to shed light on the evolution of species

#### How your achievement in this subject will be evaluated:

- » School-assessed coursework contributes 50% of the overall mark
- » There are five SACs to be completed, two in Unit 3 and three in Unit 4, each accounting for 10%
- » The examination at the end of the year contributes 50% of the overall mark
- » Student designed practical investigation

#### Why this subject might be of interest to you:

- » Life sciences such as health, medicine, environmental and veterinary science are greatly assisted by having an understanding of the concepts covered
- » The skills and knowledge are highly transferrable to everyday life situations.

## VCE UNITS 3 & 4

### Chemistry

In Unit 3, students investigate the chemical production of energy and materials. They explore how innovation, design and sustainability principles and concepts can be applied to produce energy and materials while minimising possible harmful effects of production on human health and the environment. In Unit 4, students investigate the structures and reactions of carbon-based organic compounds, considering how green chemistry principles are applied in the production of synthetic organic compounds. They study the metabolism of food and the action of medicines in the body. They explore how laboratory analysis and techniques can be applied to analyse organic compounds.

#### The major topics of this subject are:

- » Carbon based fuels
- » Measuring changes in chemical reactions
- » Primary galvanic cells and fuel cells
- » Rates and extent of chemical reactions
- » Production of chemicals using electrolysis
- » Organic compounds and their reaction pathways
- » Laboratory and instrumental analysis of organic compounds
- » Medicinal chemistry

#### In this subject you will learn how to:

- » Compare fuels with reference to combustion products and energy outputs
- » Design, construct and test chemical processes
- » Evaluate the sustainability of chemical processes
- » Optimise the rate and extent of chemical reactions
- » Analyse instrumental data of organic compounds
- » Learn techniques for extraction and purification of natural medicines
- » Design and conduct a scientific investigation

#### How your achievement in this subject will be evaluated:

- » School assessed coursework
- » Student designed practical investigation

#### Why this subject might be of interest to you:

- » To explain the properties, structures, reactions and related applications of materials in society
- » To understand and use the language and methodologies of chemistry to solve qualitative and quantitative problems in familiar and unfamiliar contexts
- » To develop knowledge and understanding of how chemical systems can be controlled to develop greener and more sustainable processes.

## VCE UNITS 3 & 4

### Physics

The study of VCE Physics involves investigating, understanding and explaining the behaviour of physical phenomena in the Universe. Models, including mathematical models, are used to explore, simplify and predict how physical systems behave at varying scales from the very small (quantum and particle physics) through to the very large (astronomy and cosmology). Beginning with classical ideas and considering their limitations, and then being introduced to more modern explanations of the world, provides a novel lens through which students experience the world around them, drawing on their natural curiosity and wonder.

#### The major topics of this subject are:

- » How do physicists explain motion in two dimensions?
- » How do things move without contact?
- » How are fields used in electricity generation?
- » How has understanding about the physical world changed?
- » How is scientific inquiry used to investigate fields, motion or light?

#### In this subject you will learn how to:

- » Understand key physics principles and theories
- » Apply mathematical formulas to solve physics problems
- » Conduct scientific experiments and interpret results
- » Use critical thinking and problem-solving using physics concepts
- » Analyse graphical and data analysis related to physics studies
- » Communicate of complex physics ideas and findings effectively

#### How your achievement in this subject will be evaluated:

- » Tests
- » Investigations
- » Assignments
- » Collaborative work
- » School assessed coursework
- » Student designed practical investigation

#### Why this subject might be of interest to you:

- » Curiosity and Understanding: Physics helps to answer fundamental questions about the universe and our world. It can be fascinating for students who have a deep curiosity about how things work, from the smallest particles to the vastness of the cosmos.
- » Career Prospects: Studying physics opens up a wide range of career opportunities in sectors such as engineering, astronomy, healthcare, energy, and technology.

## VCE UNITS 3 & 4

### Psychology

In this unit students will investigate how the human nervous system enables a person to interact with the world around them. They explore how stress may affect a person's psychological functioning. Students investigate how mechanisms of learning and memory lead to the acquisition of knowledge and the development of new and changed behaviours. Students will explore the demand for sleep and the influences of sleep on mental wellbeing. Students consider ways in which mental wellbeing may be defined and conceptualised. They explore the concept of mental wellbeing as a continuum and apply a biopsychosocial approach, as a scientific model, to understand specific phobia. They explore how mental wellbeing can be supported by considering the importance of biopsychosocial protective factors and cultural determinants as integral to the wellbeing of Aboriginal and Torres Strait Islander peoples.

#### The major topics of this subject are:

- » Stress and the nervous system
- » Memory and learning
- » Sleep and consciousness
- » Mental health

#### In this subject you will learn how to:

- » Utilise both psychological and scientific literacy when evaluating both primary and secondary data
- » Contrast dichotomous concepts
- » Relate theory to everyday scenarios

#### How your achievement in this subject will be evaluated:

- » Develop models
- » Conduct a research investigation in order to generate primary data
- » Complete a series of logbook practical activities.
- » Media analysis
- » School assessed coursework
- » Student designed practical investigation

#### Why this subject might be of interest to you:

- » In preparation for further study in the area of psychology
- » To develop a greater awareness of the bidirectional relationship between sleep and mental health
- » To gain insights into the key mechanism of memory
- » To develop a deeper understanding between the relationship between stress and the nervous system.







# Technology



\* Acceleration offered



## YEAR 7

### Digital Technologies

Students dive into the world of STEAM, expanding their digital know-how. They will work together on exciting projects, solving problems and creating their very own digital inventions. Students will get hands-on experience with coding, coming up with exciting ideas and turning them into reality.

#### The major topics of this subject are:

- » Robotics
- » Digital citizenship
- » Coding
- » 3D Modelling

#### In this subject you will learn how to:

- » Think logically and systematically for coding
- » Apply critical thinking to solve digital problems
- » Discuss and explore safe ways to navigate digital landscapes
- » Experiment and develop ideas using a variety of digital media
- » Refine and resolve ideas to complete finished projects
- » Reflect and evaluate result against expected outcomes

#### How your achievement in this subject will be evaluated:

- » Project showcase expo
- » Quizzes
- » Individual and collaborative projects

#### Why this subject might be of interest to you:

- » Explore and experiment with emerging technologies
- » To prepare students for the future by developing 21st century skills including digital literacy, entrepreneurial, problem solving and critical thinking skills
- » To provoke students to explore and question emerging technologies
- » To encourage students to be risk takers and become technology creators, not just consumers.

## YEAR 7

### Food Studies

Students are offered an introductory level to the subject. Students develop food preparation and production skills whilst learning the essential kitchen knowledge that govern safe and hygienic food handling. Students will learn about recipe reading skills, which include a knowledge and understanding of measurement, abbreviations and food processing terminology used in food production.

#### The major topics of this subject are:

- » Kitchen hygiene and general kitchen safety
- » Safe stove and oven top use and knife skills
- » Recipe reading skills, including knowledge, and understanding of measurement and abbreviations
- » Food processing terminology used in food production
- » Sensory evaluation of food
- » Introduction to the design process

#### In this subject you will develop the following skills:

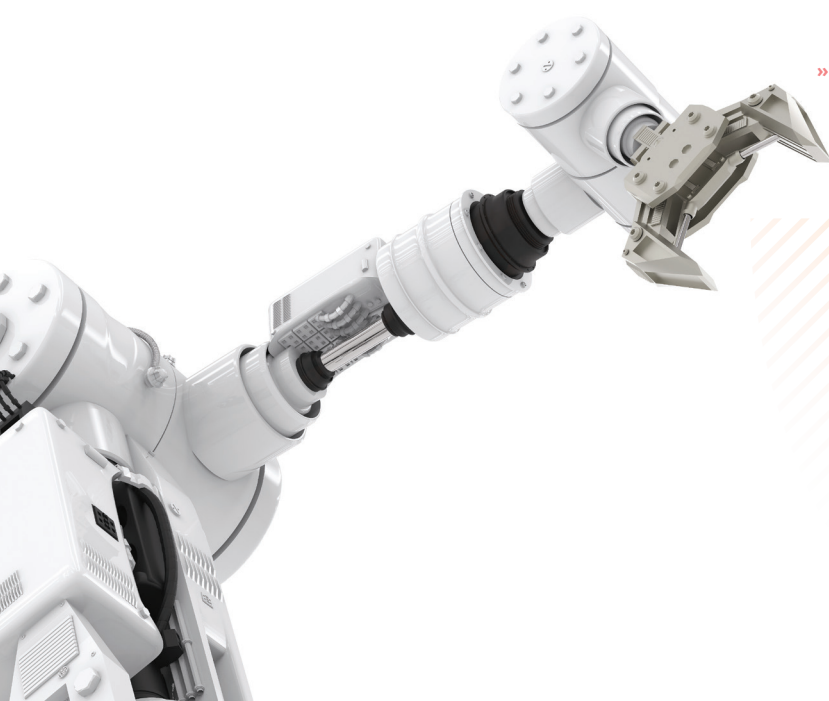
- » Skills in food preparation and selection of a variety of ingredients
- » Knowledge of basic nutrition
- » An understanding of the relationship between food intake and health
- » An understanding of the design process and recipe development
- » An understanding of the role of basic ingredients in food preparation
- » A willingness to use new ingredients and flavours

#### How your achievement in this subject will be evaluated:

- » Weekly practical skills and evaluations
- » Design tasks with a practical and written component

#### Why this subject might be of interest to you:

- » For enjoyment
- » In preparation for further study
- » For career skills
- » For life outside work and education.



## YEAR 8

### Digital Technologies

Students will journey even deeper into the digital world. They will build on their coding skills, discover the art of video editing, and delve into software development. This year, students will become data detectives, exploring how data analysis can solve real-world problems. Students expand their digital skills and creating amazing projects.

#### The major topics of this subject are:

- » Data and data analysis
- » Intermediate coding
- » Video editing and effects
- » Software development

#### In this subject you will learn how to:

- » Enhance logical and systematic thinking for advanced coding
- » Apply critical thinking to solve complex digital problems
- » Discuss and explore safe ways to navigate digital landscapes
- » Experiment and develop ideas using a variety of digital media
- » Refine and resolve ideas to complete finished projects
- » Reflect and evaluate result against expected outcomes

#### How your achievement in this subject will be evaluated:

- » Quizzes
- » Individual and collaborative projects

#### Why this subject might be of interest to you?

- » Explore and experiment with emerging technologies
- » To prepare students for the future by developing 21st century skills including digital literacy, entrepreneurial, problem solving and critical thinking skills
- » To provoke students to explore and question emerging technologies
- » To encourage students to be risk takers and become technology creators, not just consumers.

## YEAR 8

### Food Studies

In Food Studies, students will further develop their preparation and production skills whilst demonstrating a knowledge and understanding of the safety and hygiene in the kitchen. Students will use the design process of investigating, generating design ideas, producing and evaluating to prepare dishes which address a design brief.

#### The major topics of this subject are:

- » Work safely and hygienically in the kitchen when creating food products
- » Demonstrating workflow in the kitchen to ensure efficient food production
- » Selecting and using appropriate kitchen equipment
- » Sensory evaluation of food
- » Creating design solutions
- » Basic nutrients
- » Considering dietary requirements

#### In this subject you will develop the following skills:

- » Skills in food preparation and selection of a variety of ingredients
- » A knowledge of basic nutrition
- » An understanding of the relationship between food intake and health
- » An understanding of the design process and recipe development
- » An understanding of the role of basic ingredients in food preparation
- » A willingness to use new ingredients and flavours

#### How your achievement in this subject will be evaluated:

- » Weekly practical skills and evaluations
- » Design tasks with a practical and written component

#### Why this subject might be of interest to you:

- » For enjoyment
- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for Year 9 Food Studies.





## YEAR 9

### Food Studies and Service

At Year 9 Food Studies, students learn hospitality skills and a creative investigative project. In this Food elective, students will explore how to plan, prepare and present food while considering the sensory properties of food and special dietary requirements. Students will examine how to prepare food for others in need. Students will also examine all the influences that have shaped Australian cuisine, from the original inhabitants of our land, right through to modern day immigration. They will evaluate the features of technologies and the impact of the availability of ingredients.

**The major topics of this subject are:**

- » Hospitality
- » Food

**In this subject you will learn how to:**

- » Create a recipe
- » Work collaboratively and independently to safely produce effective designed solutions for the intended purpose
- » Apply sequenced management plans to select and use appropriate technologies to develop their cookery skills and cultural understandings
- » Students will work collaboratively and independently to safely produce effective designed solutions for the intended purpose
- » Students will apply sequenced management plans to select and use appropriate technologies to develop their cookery skills and cultural understandings

**How your achievement in this subject will be evaluated:**

- » Plan and implement a practical assessment task
- » Investigation and Service task

**Why this subject might be of interest to you:**

- » For enjoyment
- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for Year 10 Food Studies.



## YEAR 10

### Food Studies

Food Studies delves into the exploration of food, nutrition, product development, advanced culinary techniques and sustainability. The focus is on comprehending the principles of design and employing creative problem-solving strategies for a range of occasions. Food Studies will cover a variety of topics, such as contemporary food trends, ethical food production, preservation techniques and cake decorating.

#### The major topics of this subject are:

- » Food and nutrition for daily life
- » Contemporary food trends
- » Design process and innovation
- » Sustainability and environmental issues

#### In this subject you will learn how to:

- » Apply knowledge of nutrition, and plan, cook and serve a variety of food items
- » Adapt a range of recipes to suit several situations, with an emphasis on good health
- » Compare homemade food items to the commercially produced equivalent
- » Apply techniques and a variety of skills in food preparation, an appreciation of food presentation and styling techniques to style, present and photograph food for maximum impact.

#### How will my achievement in this subject be evaluated?

- » Design brief
- » Practical skills and evaluations
- » Investigation task
- » Written and practical examination

#### Why this subject might be of interest to you:

- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for VCE Units 1 & 2 and/or Units 3 & 4 Food Studies.

## VCE UNITS 1 & 2

### Food Studies

Food Studies explores food, with an emphasis on extending food knowledge and skills, and building individual pathways to health and wellbeing through the application of practical food skills. This subject provides a framework for informed and confident food selection and food preparation within today's complex architecture of influences and choices. Students explore food from a wide range of perspectives. They study past and present patterns of eating, Australian and global food production systems, and the many physical and social functions and roles of food. Students research sustainability and the legal, economic, psychological, sociocultural, health, ethical and political dimensions of food, and critically evaluate information, marketing messages and new trends.

#### The major topics of this subject are:

- » Food around the world
- » Food in Australia
- » Australia's food systems
- » Food in the home

#### In this subject you will develop the following skills:

- » Comparative food testing
- » Cooking
- » Creating and responding to design briefs
- » Demonstrations
- » Dietary analysis
- » Nutritional analysis
- » Product analysis
- » Scientific experiments
- » Sensory analysis including taste-testing and use of focus groups

#### How will my achievement in this subject be evaluated?

- » Design and produce a practical food solution
- » Range of practical activities
- » Oral presentation
- » Practical demonstration
- » Short written report
- » Examination

#### Why this subject might be of interest to you:

- » In preparation for further study
- » For career skills
- » For life outside work and education
- » In preparation for VCE Units 3 & 4 Food Studies.



## VCE UNITS 1 & 2

### VET Hospitality

This VET subject prepares students with a limited range of hospitality operational skills and basic knowledge for immediate employment and / or further study in the Hospitality industry. Students complete School-Assessed-Coursework. Students will be required to attend practical experiences outside of class time. Additional certificates gained include the Food Handler's Certificate and the Responsible Service of Alcohol Certificate. Completion of all units across Units 1-4 will result in a Certificate II in Hospitality being awarded, which is a nationally accredited qualification.

#### The major topics of this subject are:

- » Workplace Safety, Health and Hygiene
- » Basic Cooking Skills and Food Handling
- » Communication
- » Customer Service
- » Responsible service of alcohol

#### In this subject you will develop the following skills:

- » Organisation in the kitchen
- » Basic food preparation
- » How to use food preparation tools and equipment safely
- » Research skills
- » Cooking a range of different recipes
- » The ability to identify, analyse, explain and compare a range of food-based information from websites, TV shows or social media. You will learn how to validate the information you are presented with.
- » The ability to read and apply the Australian Dietary Guidelines and the Australian Guide to Healthy Eating

#### How will my achievement in this subject be evaluated?

- » Design and produce a practical food solution
- » A range of practical activities
- » Oral presentation
- » Practical demonstration
- » Short written report
- » Examination

#### Why this subject might be of interest to you:

- » Students that are interested in obtaining a pathway and certificate into a hospitality career

## VCE UNITS 3 & 4

### Food Studies

In Unit 3 you will investigate the many roles and everyday influences of food. Why do we eat food? You will explore explores the science of food: our physical need for it and how it nourishes and sometimes harms our bodies. You will investigate the science of food appreciation, the physiology of eating and digestion, and the role of diet on gut health. You will also focus on influences on food choices: how communities, families and individuals change their eating patterns over time and how our food values and behaviours develop within social environments.

In Unit 4 you will learn more about how to respond to food information. You will develop the skills and knowledge you need to work out what information to believe and what to reject. You will use the knowledge and skills to assess a range of food fads, trends and diets. You will also focus on issues about the environment, climate, ecology, ethics, farming practices, including the use and management of water and land, the development and application of innovations and technologies, and the challenges of food security, food sovereignty, food safety and food wastage. You will then select an issue that you are really interested in and research and report on the issue. This includes looking at what can be done to reduce any impact on our environment, animals and people.

#### The major topics of this subject are:

- » Food trends
- » Influences on food choices
- » Dietary guidelines
- » Environmental issues and food

#### In this subject you will develop the following skills:

- » Organisation in the kitchen
- » Basic food preparation skills
- » How to use food preparation tools and equipment safely
- » Research skills
- » Cooking a range of different recipes
- » The ability to identify, analyse, explain and compare a range of food-based information from websites, TV shows or social media. You will learn how to validate the information you are

presented with.

- » The ability to read and apply the Australian Dietary Guidelines and the Australian Guide to Healthy Eating.

#### How will my achievement in this subject be evaluated?

- » Design and produce a practical food solution
- » Range of practical activities
- » Oral presentation
- » Practical demonstration
- » Short written report
- » Examination

#### Why this subject might be of interest to you:

- » In preparation for future career pathways with food
- » For life outside of work and education.

## YEAR 9

### TC Arts: Digital Media

Students develop their capacity in STEAM and supplement the Year 9 Digital Technologies curriculum with an emphasis on collaboration, problem solving and project-based learning. Students will develop and pitch new products using skills in both block and text-based coding. They will explore new technologies and learn how to create digital media including video. The Media unit teaches students valuable design skills that will enhance their businesses within the Envision program. Students are introduced to several Adobe Programs, each providing meaningful techniques that can enhance their work in other subjects and everyday life. Students are encouraged to be creative and innovative to deliver the best outcomes.

#### The major topics of this subject are:

- » Rapid fabrication with 3D printing and laser cutting
- » Website design and development with HTML/CSS.
- » Drones
- » Logo creation (Adobe Illustrator)
- » 3D design (Adobe Dimension)
- » Photography
- » Photo editing (Adobe Lightroom)
- » Digital portfolio creation (Adobe Express)
- » Film production

#### In this subject you will learn how to:

- » Create and publish a website
- » Use HTML/CSS and the foundations for app development
- » Learn the uses of drones and be able to fly and code them
- » Create personalised logos
- » Create logos on virtual 3D products
- » Develop photography skills
- » Learn how to correct, colour and finish images of your choice

#### How your achievement in this subject will be evaluated:

- » Individual and collaborative projects
- » Presentations
- » Quizzes
- » Digital portfolio

#### Why this subject might be of interest to you:

- » To dive deeper into the technology concepts introduced at Year 7 and 8
- » To prepare for the future by developing 21st century skills including digital literacy, entrepreneurial, problem solving and critical thinking skills.



## YEAR 9

### TC Creatives: Digital Technologies

Students build on their understanding of Digital Technologies by exploring the exciting and fast-evolving world of Artificial Intelligence. This course equips students with foundational knowledge of how AI works, its history, ethical considerations, and real-world applications – particularly in education and productivity. Students will engage in hands-on experiences with current AI platforms, complete certifications, and investigate how AI is shaping our future. They are encouraged to think critically about the technology they use and develop responsible, innovative approaches to AI use in their lives.

#### The major topics of this subject are:

- » Introduction to Artificial Intelligence
- » A brief history of AI and machine learning
- » Ethical considerations, bias, and risks in AI
- » AI for productivity and learning (e.g., study aids, content creation)
- » Exploring and comparing current AI tools and platforms
- » The future of AI in everyday life, work, and society

#### In this subject you will learn how to:

- » Complete beginner-level AI certification courses
- » Reflect on AI's role in your life and schooling
- » Explore how AI tools can assist in solving real-world problems
- » Develop an understanding of ethical AI use

#### How your achievement in this subject will be evaluated:

- » Completion of online AI certifications
- » Online quiz to check understanding
- » Class reflections and tool demonstrations

#### Why this subject might be of interest to you:

- » To build foundational knowledge of AI and emerging technologies
- » To better understand the tools shaping modern work, education, and communication
- » To get ahead of the curve - and your peers - by developing skills most people your age haven't explored yet
- » To become a responsible and informed digital citizen prepared for an AI-driven future





## YEAR 10

### Digital Technology

In this elective subject, students will be given the opportunity to explore how technology is shaping the future while developing their digital technology skills. This subject has a hands-on approach, providing students access to a range of technology tools with an emphasis on collaboration, problem solving and project-based learning. By giving students an understanding of how technology can be used to create, they are more likely to be able to adapt to future changes.

#### The major topics of this subject are:

- » Building a PC
- » Coding: Programming in Python
- » Databasing

#### In this subject you will learn how to:

- » Build a PC.
- » Develop coding skills using Python, a high-level, general-purpose programming language
- » Use systemised data collection and create a data-processing system for a specific purpose

#### How your achievement in this subject will be evaluated:

- » Individual and collaborative projects
- » Quizzes
- » Examination

#### Why this subject might be of interest to you:

- » Fostering digital technology skills
- » Critical thinking and problem-solving skills needed when grappling with emerging technologies
- » Develop future-focused capabilities.
- » Use of industry software to increase pathways for students and build confidence in technology use
- » Focus on both hardware and software so students develop a broad range of skills.

## VCE UNITS 1 & 2

### Applied Computing

Students are introduced to the stages of the problem-solving methodology. Students focus on how data can be used within software tools such as databases and spreadsheets to create data visualisations, and use programming languages to develop working software solutions. Students are introduced to data analytics and respond to a teacher-provided analysis of requirements and designs to identify and collect data in order to present their findings as data visualisations. They present work that includes database, spreadsheet and data visualisations solutions. Students select and use a programming language to create a working software solution.

#### The major topics of this subject are:

- » Data analysis
- » Programming
- » Innovative solutions
- » Network security

#### In this subject you will learn how to:

- » Acquire and reference data and information from primary and secondary sources, legal and ethical considerations
- » Analyse the selected data, and discuss the relationships and patterns identified
- » Interpret solution requirements and designs using appropriate design tools to represent the functionality and appearance of databases, spreadsheets and data visualisations
- » Use software, and select and apply functions, formats, conventions, data validation and testing techniques to efficiently manipulate data and create data visualisations
- » Develop a software solution using appropriate processing features of a programming language
- » Evaluate the efficiency and effectiveness of the software solution to meet requirements

#### How your achievement in this subject will be evaluated:

- » Individual and collaborative projects
- » A case study with structured questions
- » The design of a wireless network or a working model of a wireless network
- » Examination

#### Why this subject might be of interest to you:

- » Enterprising individuals to identify and create new technologies and innovative uses for existing technologies
- » To build capabilities in critical and creative thinking, and to develop communication and collaboration, and personal, social and information and communications technology skills
- » Use of industry software to build confidence and increase pathways for students
- » Focus on both hardware and software so students develop a broad range of skills

## VCE UNITS 1 & 2

### VET Creative and Digital Media

The VCE VET Creative and Digital Media program is drawn from a national training package and offers portable qualifications which are recognised throughout Australia. These qualifications provide students with a broad range of skills and knowledge to pursue a career or further training in related industries such as film and television production, animation, radio broadcasting and photography.

The skills acquired during the course also provide a solid foundation for further education.

A VET subject can be undertaken with the VCE certificate or as a part of a Vocational Major.

## VCE UNITS 3 & 4

### Applied Computing

Students apply the problem-solving methodology to identify and extract data through the use of software tools such as database, spreadsheet and data visualisation software to create data visualisations or infographics. Students develop an understanding of the analysis, design and development stages of the problem-solving methodology. Students develop data visualisations and use appropriate software tools. Students propose a research question, prepare a project plan, collect and analyse data, and design infographics or dynamic data visualisations.

#### The major topics of this subject are:

- » Data analytics
- » Software development

#### In this subject you will learn how to:

- » Acquire and reference data and information from primary and secondary sources, taking into account legal and ethical considerations that investigate a problem
- » Analyse the selected data, and discuss the relationships and patterns identified
- » Interpret solution requirements, constraints and scope and develop a software solution
- » Interpret designs using appropriate design tools to represent the functionality and appearance of databases, spreadsheets and data visualisations and solution designs
- » Use software, and select and apply functions, formats, conventions, data validation and testing techniques to efficiently manipulate data and create data visualisations

#### How your achievement in this subject will be evaluated:

- » A project plan (Gantt chart) indicating tasks, times, milestones, dependencies, critical path
- » An analysis that defines the requirements, constraints and scope of infographics or dynamic data visualisations and complex data sets
- » A folio of alternative design ideas and detailed design specifications of the preferred design
- » Examination

#### Why this subject might be of interest to you:

- » Develop an understanding of the analysis, design and development stages of the problem-solving methodology
- » Create new technologies and innovative uses for existing technologies.
- » Focus on both hardware and software so students develop a broad range of skills

## VCE UNITS 3 & 4

### VCE Algorithmics

VCE Algorithmics offers a deep dive into the science of computational thinking and problem-solving. This subject is designed for students who are passionate about logic, mathematics, and computer science, and who want to understand how algorithms underpin the systems we use every day. Students will explore key concepts in data abstraction, algorithm design, efficiency, and the theory of computation.

The course bridges mathematics and computer science and encourages students to think critically and systematically about solving real-world problems using computational methods. It builds foundational knowledge and skills relevant to university-level studies in STEM fields.

#### The major topics of this subject are:

- » Data structures and abstract data types
- » Algorithm design, implementation, and analysis
- » Computational complexity and efficiency
- » Recursion and divide-and-conquer strategies
- » Formal language theory and automata

#### In this subject you will continue to learn how to:

- » Design efficient and effective algorithms to solve complex problems
- » Evaluate and compare algorithms based on performance and scalability
- » Apply mathematical reasoning and logical thinking to computing problems
- » Understand the limits of computability
- » Use pseudocode and programming languages to implement solutions

#### How your achievement in this subject will be evaluated:

- » Problem-solving tasks and written reports
- » School-assessed coursework (SACs)
- » Examinations
- » Programming and algorithm design tasks

#### Why this subject might be of interest to you:

- » Interest in mathematics, coding, or systems thinking
- » Aspirations for a future in software engineering, AI, data science, or cybersecurity
- » Enjoyment of solving complex, abstract problems
- » Opportunity to develop highly transferable analytical skills
- » Passion for innovation and technology







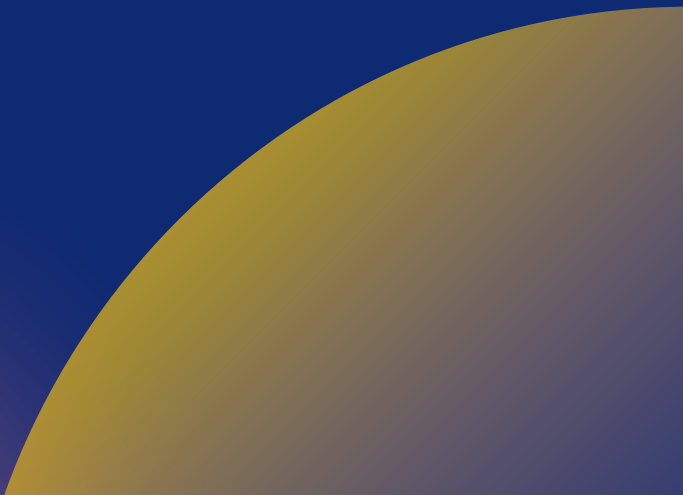






# Key Contacts

---

**Deputy Principal - Learning and Teaching****KARA BAXTER****P** +61 3 8779 7500**E** kbaxter@strathcona.vic.edu.au**Head of Senior School Academics****SCOTT SWEENEY****P** +61 3 8779 7500**E** ssweeney@strathcona.vic.edu.au**Head of Studies****KATHERINE BRADSHAW****P** +61 3 8779 7500**E** kbradshaw@strathcona.vic.edu.au**Head of Careers and Pathways****XIN CHEN****P** +61 3 8779 7500**E** xchen@strathcona.vic.edu.au









**Strathcona**  
GIRLS GRAMMAR

**GIRLS  
UNSTOPPABLE**

**P** +61 3 8779 7500  
**E** registrar@strathcona.vic.edu.au  
**strathcona.vic.edu.au**

**Early Years Campus**  
31-33 Scott Street,  
Canterbury VIC 3126

**Junior Campus**  
173 Prospect Hill Road,  
Canterbury VIC 3126

**Year 9 Campus**  
30 Yarra Street,  
Hawthorn VIC 3122

**Middle & Senior Campus**  
34 Scott Street,  
Canterbury VIC 3126

Strathcona Girls Grammar

A Child Safe School

ABN 75 073 413 626

CRICOS 00577C