ST PATRICK'S COLLEGE

YEAR 10 SUBJECT INFORMATION

2026

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01 INTRODUCTION

The Year 10 program at SPC consists of Core subjects (compulsory for all) and Elective subjects.

CORE SUBJECTS

These are the subjects that must be completed by all students. Some of the subjects do have elective options (e.g Science has 5 different semester-based options), but students must select one different option each semester.

- Religious Education
- English
- Humanities
- Mathematics
- Physical Education
- Science

Full descriptions of each of the above Core Subjects can be found later in this Subject Selection Handbook.

ELECTIVES

Students are required to choose **two elective subjects** in each semester. Information on all elective choices can be found in this booklet.

All elective subjects run for **one semester only** EXCEPT for Year 10 Japanese and any VET or VCE acceleration subject which are year-long electives.

It may not always be possible to give each student their preferred elective choices. Student numbers, staffing, timetabling, facilities and other limitations on resources will all impact on the subjects which will run in 2026.

The 2026 Year 10 Subject Selection Guide requires students to choose reserve choices in case a student does not receive their first elective choice.

HOW TO USE THE PLANNER

On the following page is a planner that can be used to help map out how Year 10 may look. This planner is a guide to help with the planning process. It is designed as a prompt for students and parents to discuss the various options available in Year 10. It is not intended to be submitted as the final subject selections.

It is recommended that students should have a brief discussion with their Year 9 teachers (particularly their Mathematics and English teachers) regarding their options for next year and to take some time to read through the information regarding each subject that they are interested in. If you need more information regarding selections, please contact the relevant subject teacher or Head of Faculty.

YEAR 10 SUBJECT SELECTION PLANNER

SUBJECT	SEMESTER 1	SEMESTER 2	TEACHER CHECK
RELIGIOUS EDUCATION • compulsory • full year • select one for year	• Year 10 Religious Education • Year 10 Texts & Traditions	• Year 10 Religious Education • Year 10 Texts & Traditions	
ENGLISH* • compulsory • full year *see note below	• Year 10 Foundation English • Year 10 English • Year 10 Literature • Year 10 English Language	• Year 10 Foundation English • Year 10 English • Year 10 Literature • Year 10 English Language	
MATHEMATICS • compulsory • full year *see note below	• Year 10 Foundation • Year 10 General • Year 10 Methods	• Year 10 Foundation • Year 10 General • Year 10 Methods	
SCIENCE • compulsory • select a different one for each semester	• Year 10 Agricultural Science • Year 10 Biology • Year 10 Chemistry • Year 10 Environmental Science • Year 10 Physics • Year 10 Psychology	• Year 10 Agricultural Science • Year 10 Biology • Year 10 Chemistry • Year 10 Environmental Science • Year 10 Physics • Year 10 Psychology	
SPORT • compulsory • full year	• Year 10 Sport	• Year 10 Sport	
HUMANITIES • compulsory • select a different one for each semester	• History – 20th Century Australian • History – Ancient History • Legal & Political Studies • Commerce	• History – 20th Century Australian • History – Ancient History • Legal & Political Studies • Commerce	
ELECTIVE • select one for each semester	----------	----------	
ELECTIVE • select one for each semester	----------	----------	

** Mathematics and English classes are assigned by the school according to data collected across multiple assessment types and teacher feedback. If a students wishes to change from the teacher selection, then communication must be made with the teacher to discuss the options available.*

***Year 10 Japanese and any VET or VCE acceleration subject must be done for the full year. Students selecting any of these subjects are required to study it in semester one and semester two and enter them as their first-choice elective in both semesters.*

UNDERSTANDING VCE ACCELERATION

Acceleration allows high-achieving students to study VCE subjects earlier than usual, giving them the opportunity to challenge themselves academically and potentially broaden their future study options. The College's main focus is always the wellbeing and academic progress of each student, ensuring that acceleration is only offered when it is in the student's best interests and can be managed alongside their other studies.

A summary of the process and general selection criteria are provided here. However, it is essential the full policy is read via the College website as there is further information and selection criteria specific to each faculty area that may affect your available options.

Application & Consultation

- Acceleration is not automatic and must be clearly in the student's best interest.
- Students participate in a thorough consultation process involving the Head of Academic Enrichment and Extension (AE&E), Head of Senior School, Heads of Faculty, current subject teachers, parents, and the student.
- Students interested in acceleration must read and meet the requirements of the **full policy** including faculty specific requirements and complete the online **Expression of Interest form**.
- Students and their parents or caregivers attend a Subject Selection interview in Week 2, Term 3. At the interview, they discuss their acceleration plans with the Head of AE&E.

Evidence & Testing

- Students must display evidence of a history of strong academic performance, effort and readiness for advanced study.
- Students complete an, 'off level test', subject-specific testing above their current year level.
- Tests assess readiness, particularly in vocabulary, writing, and subject-specific skills to assess their skills and preparedness at a higher level.
- The test is marked by a VCE-level subject specialist to ensure accurate assessment of the student's readiness.

Approval & Monitoring

- The College reviews all evidence and test results before making a decision.
- If approved, the student's progress is closely monitored each semester to ensure they are coping well and maintaining high achievement across all subjects.
- Support is provided as needed, and acceleration may be discontinued at the end of a semester if it is no longer in the student's best interest.

VCE ACCELERATION REQUIREMENTS

Acceleration is best suited to students who are already excelling in a related subject area. For this reason, the following criteria applies.

For one Accelerated Subject:

- 80% or above average across all Semester 1 subjects.
- 80% or above in the subject to be accelerated (or a similar subject).
- 80% or above in off-level testing for the subject.
- 80% or above in either any English (excluding Foundation English) or Mathematics (excluding Foundation Mathematics), depending on the subject area.

For Two Accelerated Subjects:

- 90% or above average across all Semester 1 subjects.
- 90% or above in the subjects to be accelerated (or similar subjects).
- 90% or above in off-level testing for those subjects.
- 90% or above in either any English or Mathematics (excluding Foundation levels), depending on the subject area.

For Accelerated VET Subjects (Year 10 students):

- Strong academic achievement in all subjects and in the subject(s) to be accelerated.
- Consistent effort, positive work habits, and good social behaviour from Years 7–9.
- Prior work experience (if applicable).
- Interview with relevant coordinators and faculty.

This process ensures that acceleration is carefully considered, evidence-based, and always prioritises the student's wellbeing and academic success. Please contact Kathryn Fraser Head of Academic Enrichment and Extension with any specific acceleration questions.

The Acceleration Process

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
Submit Application *Includes reading and meeting the requirements of the full policy, completing the online form, and attending Subject Selection interview with Head of AE&E*	***Complete Subject Preferences*** *Submit online preferences and print receipt*	***Sit Off-Level Test*** *Set by faculty, administered by Head of AE&E*	***Review by Head of AE&E*** *Data including test results and school history gathered and assessed by the panel*	***Student Notified of Outcome*** *Timetable changes made accordingly*

02 RELIGIOUS EDUCATION

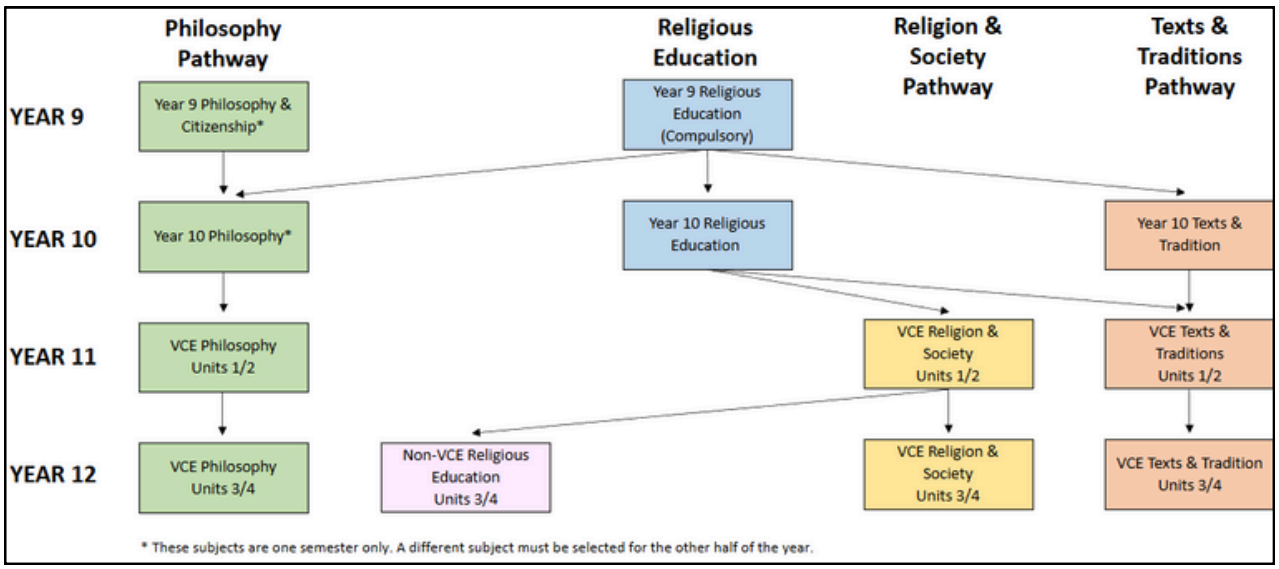
WHY STUDY A RELIGIOUS EDUCATION SUBJECT?

Religious Education plays a vital role in shaping students not just academically, but spiritually, morally and socially. Religious Education is especially important at St Patrick's College as it helps develop:

- Faith and Identity: helping students explore and deepen their understanding of the Catholic faith, fostering a sense of identity, purpose, and belonging within the Edmund Rice tradition.
- Values and Ethics: encouraging reflection on moral and ethical issues, promoting compassion, justice, and respect — core values of the Gospel and the Edmund Rice ethos.
- Critical Thinking: challenging students to think deeply about life's big questions — meaning, suffering, hope, and human dignity — developing their ability to reason, empathize, and engage in respectful dialogue.
- Social Responsibility: inspiring through the example of Blessed Edmund Rice, helping to motivate students to act for peace, equity, and the common good, both locally and globally.
- Cultural and Interfaith Understanding: In a diverse world, RE fosters appreciation for different beliefs and traditions, encouraging respectful engagement and global citizenship.

RELIGIOUS EDUCATION PATHWAYS

At SPC, students are required to undertake a Religious Education class each year. The diagram below shows the natural progression of each subject. Some changes are possible throughout the journey; however, these should only be made in consultation with your teacher.



YEAR 10 RELIGIOUS EDUCATION

FULL YEAR

Using the theme, The Search for Meaning, the Year 10 Religious Education course allows students to investigate and explore several key topics.
This includes an understanding of the Gospel message of Jesus Christ and explores ways to carry out the mission of the Catholic Church in the modern world. Knowledge and skills students will gain include but are not limited to:

- *An understanding of the New Testament scripture accounts.*
- *Ways in which people can access God, through nature, relationships, and joy.*
- *The power of love in the world and the message to help others.*
- *Knowledge of the resurrection of Jesus Christ and his mission.*

Content Overview	**In this subject, students will cover:**
	• **Term One – Who is God**
	  ◦ the various ways that God may be encountered in our lives.
	• **Term Two – Texts and Traditions**
	  ◦ Texts and Traditions is about finding that meaning for our contemporary context, through a study of the world within, behind, and in front of a text.
	• **Term Three – A Life of Love**
	  ◦ This unit explores the concept of love and what it means for human society and the individual person.
	• **Term Four – Eternal Life – The Soul**
	  ◦ This unit explores the belief in eternal life and the hope connected to it. This unit goes through topics such as human dignity and the afterlife.

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Philosophy • VCE Units 1 & 2 Religion and Society • VCE Units 1 & 2 Texts and Tradition **After school options:** • TAFE • University
Types of Assessment	**This subject will be assessed by:** • Tests • Reports • Classroom presentations • End of Semester Exam
Further Information	For further information about this subject, please contact: • Your Year 9 RE teacher • Head of RE Faculty - Mr Mitchell Leviston

YEAR 10 PHILOSOPHY

ONE SEMESTER

Philosophy is suited to those students who naturally question the world around them. Philosophy, meaning love of wisdom, is built on questioning the reality of the world. It is for those students who want to develop their creative thinking.
The primary way in which philosophy benefits individuals is through its development of questioning. Philosophy in this sense, cultivates open-mindedness through an exploration of multiple viewpoints and critical reflection of your thinking and that of others. Furthermore, philosophy develops precision of language and argument.

Content Overview	**In this subject, students will cover:**
	• **The nature of reality**
	  ◦ How real is virtual reality?
	  ◦ Are material/physical objects the only things that exist?
	  ◦ Is the world only a story?
	• **Free will**
	  ◦ Are we free to make decisions?
	  ◦ Does having choice mean we are free?
	  ◦ If the rest of the universe is governed by scientific laws, does that mean we aren't free?
	• **What does it mean to experience something?**
	• **Is pleasure the only thing that matters in life?**

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Philosophy **After school options:** • TAFE • University
Types of Assessment	**This subject will be assessed by:** • Weekly Tasks • Essays • End of Semester Exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 Philosophy teacher - Mr Liam Brown • Head of RE Faculty - Mr Mitchell Leviston

YEAR 10 TEXTS & TRADITIONS

FULL YEAR

In this unit students study the three worlds of the text, the world in front of the text, the world behind the text and the world of the text. What was going on at the time the text was written, what was the author's intent and how does the text affect us today. Students study each of the four Gospels with the worlds of the text as a focus.

Content Overview	**In this subject, students will cover:** • Term One – The Gospel of Matthew • Term Two – The Gospel of Mark • Term Three – The Gospel of Luke • Term Four – The Gospel of John
Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Religion and Society • VCE Units 1 & 2 Texts and Tradition **After school options:** • TAFE • University
Types of Assessment	**This subject will be assessed by:** • Tests • Essays • End of Semester Exam
Further Information	For further information about this subject, please contact: • Your Year 9 RE teacher • Head of RE Faculty - Mr Mitchell Leviston

03
ENGLISH

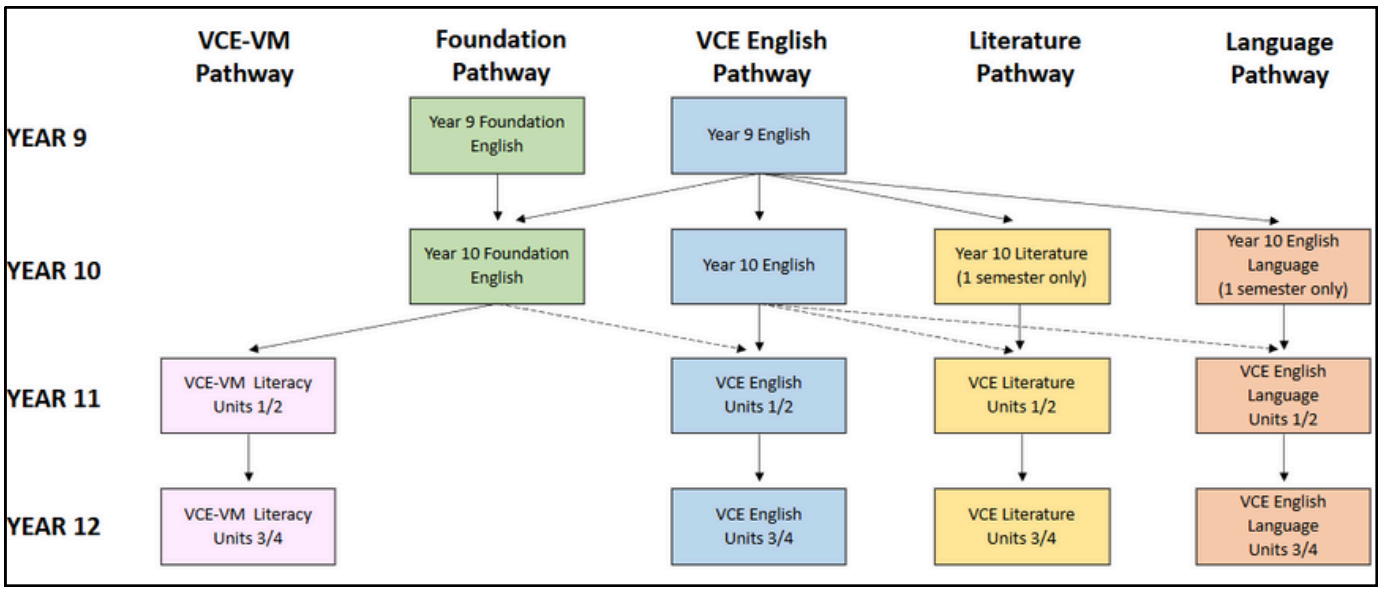
WHY STUDY AN ENGLISH SUBJECT?

Studying English in secondary school is vital because it builds strong communication skills—reading, writing, speaking, and listening—that are essential in all areas of life. It helps students express ideas clearly, understand complex texts, and think critically about information.
English also fosters creativity and empathy through literature, allowing students to explore diverse perspectives and cultures. These skills are crucial for success in further education, the workplace, and everyday interactions.

Whether writing a resume, analysing a news article, or participating in a discussion, a solid foundation in English empowers students to engage confidently and effectively with the world.

ENGLISH PATHWAYS

The diagram below shows the natural progression of each subject. Some changes are possible throughout the journey; however, these should only be made in consultation with your teacher.



YEAR 10 FOUNDATION ENGLISH

FULL YEAR

Foundation English is taught according to the Victorian Curriculum F-10, which involves reading, viewing, listening to, writing, creating, researching and talking about a range of text types from the simple to the complex. Foundation English focuses on building students' capacity in the areas of reading and writing at a more fundamental level, often achieved through providing students with additional supports and scaffolding. The assessments in Year 10 Foundation English also differ slightly from English to ensure that they meet the needs of the students.

Foundation English is only suitable for students who have had difficulty accessing the content and demonstrating the required skills in English. In most cases, students who undertake Year 10 Foundation English will have studied Year 9 Foundation English in the previous year.

Year 10 Foundation English offers an opportunity for students to engage in learning that will allow access to either VCE or VCE-VM. However, most students completing this subject will pursue the VM pathway. If you are considering a VCE pathway and looking to enrol in Year 10 Foundation English, please speak with your English teacher or the Head of Faculty.

Content Overview	**In this subject, students will cover:**
	• **Reading and Viewing**
	  ◦ Film text analysis
	  ◦ Novel text analysis
	  ◦ Analysing argument
	• **Speaking and Listening**
	  ◦ Persuasive oral presentation
	  ◦ Oral presentation – role play job interviews
	• **Writing**
	  ◦ Craft of writing (theme of 'industry')

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 English or • VCE - Vocational Major Units 1 & 2 Literacy
Types of Assessment	**This subject will be assessed by:** • Class work • Assessment tasks • End of Semester exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 English teacher or Foundation English teacher • Head of English Faculty – Mr Liam Young

YEAR 10 ENGLISH

FULL YEAR/ONE SEMESTER*

The Year 10 English course is designed to improve students' literacy skills and to prepare them for the rigours of VCE English studies. The subject is taught according to the Victorian Curriculum F-10, and involves reading, viewing, listening to, writing, creating, researching and talking about a range of text types from the simple to the complex.
In Semester 1, students produce an analytical essay on a film, demonstrating knowledge of the characters, themes and film techniques prevalent in the text. This is followed by analysing argument, in which students are required to show an understanding of how arguments and written and visual language can be used to persuade an audience, before constructing a persuasive piece of their own with consideration of the context, audience and purpose.
In Semester 2, students complete further analytical essay on texts, but this time with a focus on novels and plays. There is also a unit on creative writing titled 'Craft of Writing', where students work through a writing process to develop a range of pieces around the theme of justice.

Content Overview	**In this subject, students will cover:**
	• **Reading and Viewing**
	  ◦ Text analysis (film, novel, play)
	  ◦ Analysing argument
	• **Speaking and Listening**
	  ◦ Persuasive oral presentation
	• **Writing**
	  ◦ Craft of writing (theme of 'justice')
	  ◦ Persuasive writing

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 English or • VCE - Vocational Major Units 1 & 2 Literacy
Types of Assessment	**This subject will be assessed by:** • Class work • Assessment tasks • End of Semester exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 English teacher or • Head of English Faculty – Mr Liam Young

**When combined with Year 10 Literature or English Language*

YEAR 10 ENGLISH LANGUAGE

ONE SEMESTER

Year 10 English Language is a semester-long subject which provides students with an opportunity to explore the specific skills and content of English Language. Differing significantly from English, this semester of English Language will enable students to identify whether they would be suited to pursuing the subject into VCE.
In English Language, students study how the language of texts is constructed for specific purposes. It looks at the purpose of a piece of text and what clues we are given to determine this. Students consider how the author has presented their information and how they are coding this information for their specific audience.
Students who have demonstrated strong performance in Year 9 English will be invited to select this class. Students who complete Semester 1 of Year 10 English Language will then be required to complete Semester 2 of Year 10 English.

Content Overview	**The areas of study for the English Language semester are:** • What is language? • History of English • Subsystems of English
Future Study Pathways	**Next year options:** • VCE Units 1 & 2 English Language or • VCE Units 1 & 2 English
Types of Assessment	**This subject will be assessed by:** • Class work • Assessment tasks • Tests • End of Semester exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 English teacher • Head of English Faculty – Mr Liam Young

YEAR 10 LITERATURE

ONE SEMESTER

Year 10 Literature is a semester-long subject which provides students with an opportunity to explore the specific skills and content of Literature. Differing from English, this semester of Literature will enable students to identify whether they would be suited to pursuing the subject into VCE.

In Literature, students expand their frameworks for exploring literature by considering literary forms and features, engaging with language, and refining their insight into authorial choices. Students discover and experiment with a variety of interpretations in order to develop their own responses.

Students who have demonstrated strong performance in Year 9 English will be invited to select this class. Students who complete Semester 1 of Year 10 Literature will then be required to complete Semester 2 of Year 10 English.

Content Overview	**The areas of study for the Literature semester are:** • Close analysis of poetry • Creative response • The text in its context
Future Study Pathways	**Next year options:** • VCE Units 1 & 2 English Literature or • VCE Units 1 & 2 English
Types of Assessment	**This subject will be assessed by:** • Class work • Assessment tasks • Tests • End of Semester exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 English teacher • Head of English Faculty – Mr Liam Young

04

MATHEMATICS

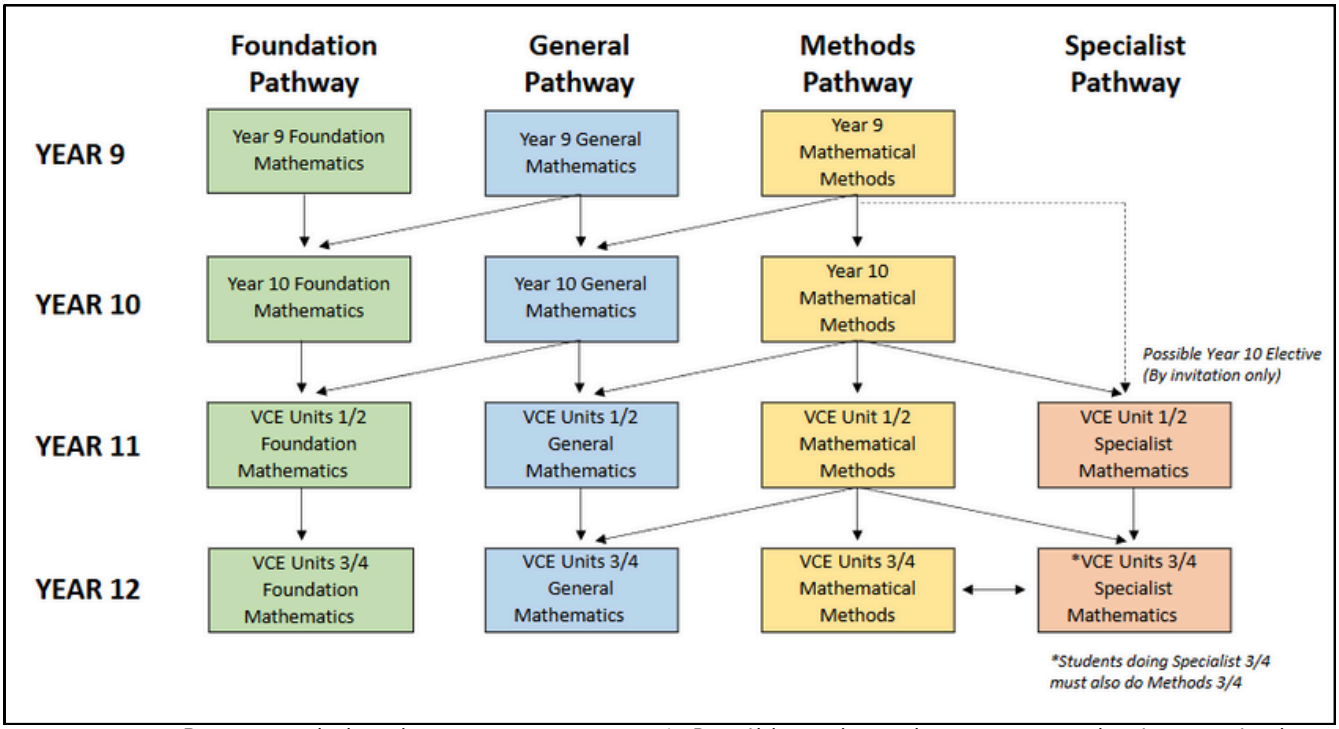
WHY STUDY A MATHEMATICS SUBJECT?

The study of Mathematics is compulsory until the end of Year 10 as it is widely recognised by parents, employer groups and government bodies as an essential part of any school education. Mathematics studies at St Patrick's College are designed to provide access to worthwhile and challenging mathematical learning in a way that considers the needs and aspirations of a wide range of students. Studying mathematics at secondary school is crucial as it develops critical thinking and problem-solving skills. It lays the foundation for understanding complex concepts in science, technology, engineering, and economics.

Mathematics enhances logical reasoning and analytical abilities, which are essential for everyday decision-making and various careers. It also fosters perseverance and attention to detail. Moreover, math education promotes financial literacy, helping students manage personal finances more effectively.

MATHEMATICS PATHWAYS

The diagram below shows the natural progression of each subject. Some changes are possible throughout the journey; however, these should only be made in consultation with your teacher.



YEAR 10 MATHEMATICS – FOUNDATION

FULL YEAR

Mathematics – Foundation is a basic course that shows students the practical applications of mathematics and provides the knowledge that they will require to be successful in the workplace, with finances and their own interests.
Students consolidate mathematical foundations, further develop their knowledge and capability to plan and conduct activities independently and collaboratively, communicate their mathematical ideas, and acquire mathematical knowledge skills to make informed decisions in their lives.

Content Overview	**In this subject, students will cover:**
	• **Measurement & Geometry**
	  ◦ Measurement
	  ◦ Pythagoras
	  ◦ Geometry
	  ◦ Trigonometry
	• **Statistics & Probability**
	  ◦ Statistics
	• **Number & Algebra**
	  ◦ Consumer Arithmetic (Finance)
	  ◦ Algebra
	  ◦ Equations

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Mathematics - Foundation • VCE Units 1 & 2 Mathematics – General ◦ Please note that Year 10 Mathematics – Foundation does not prepare students for VCE Units 1 & 2 Mathematics - General. Students wishing to move up to this level may be required to complete extra work to catch up on missed concepts **After school options:** • TAFE • Apprenticeship • University – many courses require Mathematics – General (or Methods) as a prerequisite
Types of Assessment	**This subject will be assessed by:** • Classwork • Topic Test • Investigation Task • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Mathematics teacher • Head of Mathematics Faculty - Mr Steven Biggin

YEAR 10 MATHEMATICS – GENERAL

FULL YEAR

Mathematics – General continues to build upon the general maths skills that students have developed through Years 7-9. This subject is intended to be widely accessible by many different types of mathematics students. This level of mathematics is seen as the "standard" level of mathematics.
All topics are non-calculus based and are designed to provide general preparation for employment or further mathematical study, particularly where data analysis, financial maths and number patterns are important. Mathematics – General is often the minimum mathematics required for many university courses or trades.

Content Overview	**In this subject, students will cover:**
	• **Measurement & Geometry**
	  ◦ Geometry
	  ◦ Trigonometry
	  ◦ Measurement
	• **Statistics & Probability**
	  ◦ Probability
	  ◦ Statistics
	• **Number & Algebra**
	  ◦ Linear Relations
	  ◦ Finance

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Mathematics – Foundation • VCE Units 1 & 2 Mathematics – General • VCE Units 1 & 2 Mathematics – Methods ◦ Please note that Year 10 Mathematics – General does not prepare students for VCE Units 1 & 2 Mathematics – Methods. Students wishing to move up to this level may be required to complete extra work to catch up on missed concepts **After school options:** • TAFE • University – many courses require Mathematics – General (or Methods) as a prerequisite
Types of Assessment	**This subject will be assessed by:** • Class work • Topic Test • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Mathematics teacher • Head of Mathematics Faculty - Mr Steven Biggin

YEAR 10 MATHEMATICAL METHODS

FULL YEAR

Mathematics - Methods is known as the "pure" mathematics. In Year 10 Mathematics - Methods, the topics covered include algebra, geometry, trigonometry, probability, measurement and some statistics. These topics are applied in a variety of practical and theoretical contexts. They also provide background for further study in science, humanities, economics and medicine, etc.
Methods is seen as more advanced than General Mathematics and less advanced than Specialist Mathematics. However, it is generally accepted that the gap between General and Methods is much larger than the gap between Methods and Specialist.

Content Overview	**In this subject, students will cover:**
	• **Measurement & Geometry**
	  ◦ Trigonometry
	• **Statistics & Probability**
	  ◦ Probability
	• **Number & Algebra**
	  ◦ Linear Relations
	  ◦ Indices & Surds
	  ◦ Quadratics
	  ◦ Parabolas
	  ◦ Logarithms

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Mathematics – General • VCE Units 1 & 2 Mathematics – Methods • VCE Units 1 & 2 Mathematics – Specialist **After school options:** • TAFE • University – many courses require a Mathematics as a prerequisite
Types of Assessment	**This subject will be assessed by:** • Classwork • Topic Tests • End of Semester exams
Further Information	**For further information about this subject, please contact:** • Your Year 9 Mathematics teacher • Head of Mathematics Faculty - Mr Steven Biggin

05

SCIENCE

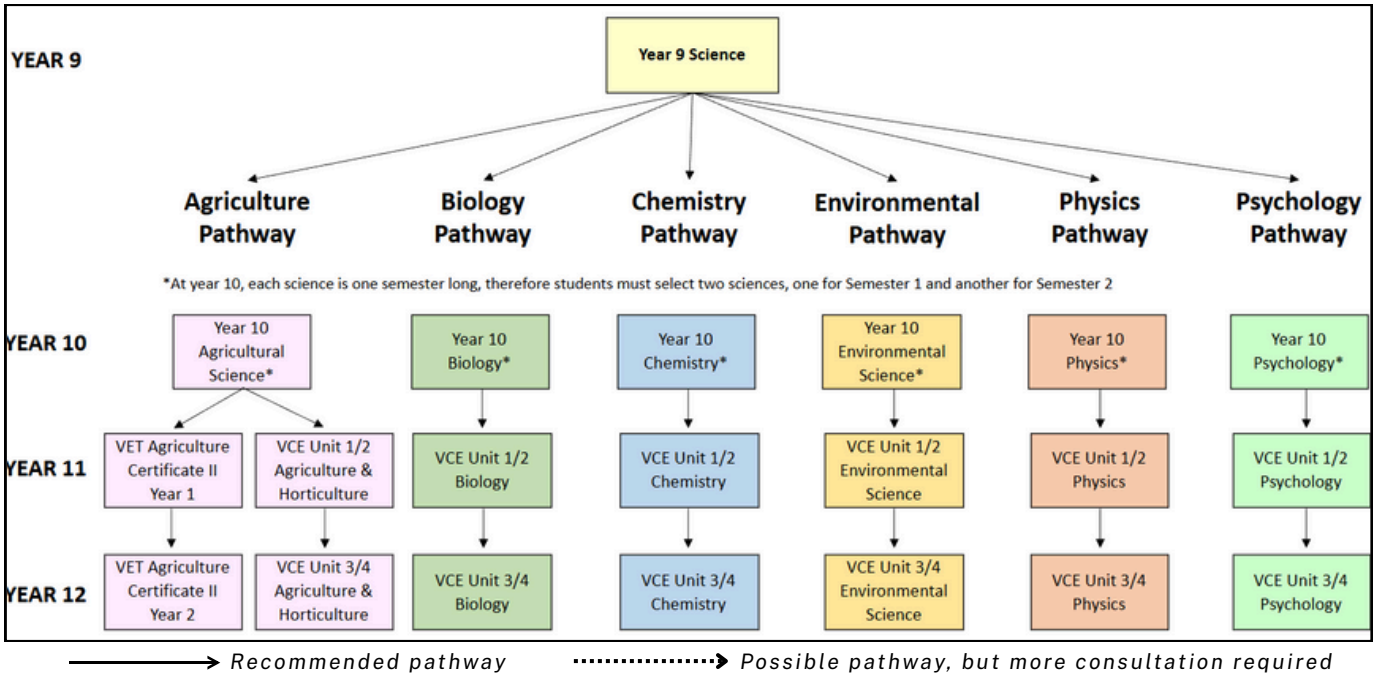
WHY STUDY A SCIENCE SUBJECT?

Studying science in secondary school is important because it helps students understand the world around them through observation, experimentation, and evidence-based reasoning. It nurtures curiosity, critical thinking, and problem-solving skills, which are essential in everyday life and many careers. Science education also prepares students for future opportunities in medicine, engineering, environmental studies, and technology. It encourages informed decision-making on global issues like climate change, health, and sustainability.

By learning scientific principles, students become more capable of evaluating information, thinking logically, and contributing meaningfully to society. At SPC students at year 10 and beyond have the opportunity to experience a variety of different sciences depending on their particular interests.

SCIENCE PATHWAYS

The diagram below shows the natural progression of each subject. Some changes are possible throughout the journey; however, these should only be made in consultation with your teacher. It is important to note that each of the sciences at Year 10 are semester-based subjects and students will be required to select two different sciences, one for each semester. In Year 11, the subject runs for the full year and students have the choice of which one (or two) they would like to do.



YEAR 10 AGRICULTURAL SCIENCE

ONE SEMESTER

Students in Year 10 Agricultural Science will examine the scientific principles behind modern farm design and operation. Students will examine the flow of materials to and from a farm, before reviewing the principles behind the optimisation of crop production – including the use of pesticides and herbicides.
Following this, students then review the principles of maximising yields from stock animals with a focus on local Victorian practices. Students also examine the role of animal welfare in optimising the yield for a farm operation.

Content Overview	**Year 10 Agricultural Science includes the following topics:** • Farm Design • Natural Cycles • Pesticides and Herbicides • Crop Optimisation • Husbandry
Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Agricultural and Horticultural Studies • VCE Units 3 & 4 Agricultural and Horticultural Studies (accelerated) ◦ Please see the VCE Acceleration section for acceleration criteria **After school options:** • TAFE • University
Types of Assessment	**Year 10 Agricultural Science includes the following assessments:** Topic Tests Practical Reports Case Studies Scientific Posters End of Semester Exam
Further Information	**For further information about this subject, please contact:** Your Year 9 Science Teacher Head of Science Faculty - Mr. James Russell

YEAR 10 BIOLOGY

ONE SEMESTER

Students in Year 10 Biology begin with the review of the role of DNA and genes in genetic inheritance and conditions. Following this, students study the contribution of Darwin to the theory of evolution by natural selection with a focus on the formation of new species and the means of classifying species based on their reproductive mechanisms. Students further examine the principles of human evolution and the direct links to speciation events.
Building on this, students practically examine the formation of pathogens and disease and their management through the application of biological principles. Additional practical activities include the extraction of DNA, analysis using Gel Electrophoresis and the simulation of genetic inheritance within a population.

Content Overview	**Year 10 Biology includes the following topics:** • Cell Structure • DNA and RNA • Protein Synthesis • Genetics and Inheritance • Evolution • Pathogens and Disease
Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Biology **After school options include:** • TAFE • University – Biology is a prerequisite for some courses
Types of Assessment	**Year 10 Biology includes the following assessments:** • Topic Tests • Practical Reports • Case Studies • Scientific Posters • End of Semester Exam
Further Information	**For further information about this subject, please contact:** Your Year 9 Science Teacher Head of Science Faculty - Mr. James Russell

YEAR 10 CHEMISTRY

ONE SEMESTER

At this level students investigate the behaviour and properties of materials that are dependent upon their constituent particles and the forces that hold them together. They learn the substructure of atoms and understand that atoms, molecules and ions are the building blocks of matter. They study the patterns in the type of constituent particles that lead to similarities in properties and that these patterns are useful ways to group substances into families, such as ionic and molecular substances.
Students are introduced to the periodic table and learn that chemical behaviour and atomic structure are connected in the way the periodic table is constructed. Students investigate the chemistry of related substances and interpret their results in terms of classes of reactions, for example, those between acids and bases, or metals and non-metals. Students investigate reactions, use chemical formulae and word equations, and learn how to calculate the masses of products of reactions.

Content Overview	**Year 10 Chemistry includes the following topics:** • The Periodic Table • Bonding Models • Chemical Reactions • Reaction Kinetics • Stoichiometry • Organic Chemistry
Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Chemistry **After school options include:** • TAFE • University – Chemistry is a prerequisite for some courses
Types of Assessment	**Year 10 Chemistry includes the following assessments:** • Topic Tests • Practical Reports • Scientific Posters • End of Semester Exam
Further Information	**For further information about this subject, please contact:** Your Year 9 Science Teacher Head of Science Faculty - Mr. James Russell

YEAR 10 ENVIRONMENTAL SCIENCE

ONE SEMESTER

Year 10 Environmental Science will encourage students to examine how they interact with the world around them. They will explore concepts of the earth being a dynamic system involving interactions with biosphere, hydrosphere, lithosphere and atmosphere, and associated cycles such as nitrogen, carbon, and water cycles.
Students will conduct habitat assessments of local environments and apply this information to develop an environmental management plan. Management of local and global environmental issues such as waste, climate, and energy use will be explored through case studies and students will have the opportunity to discuss issues and draw evidence-based conclusions.

Content Overview	**Year 10 Environmental Science includes the following topics:** • Soils • Biodiversity • Ecosystems • Sustainable Housing • Renewable Energy • Global Systems
Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Environmental Science • VCE Units 3 & 4 Environmental Science (Acceleration) ◦ Please see the VCE Acceleration section for acceleration criteria **After school options:** • TAFE • University – Environmental Science is not a prerequisite for many courses but is an emerging area of science.
Types of Assessment	**Year 10 Chemistry includes the following assessments:** • Topic Tests • Practical Reports • Case Studies • End of Semester exam
Further Information	**For further information about this subject, please contact:** Your Year 9 Science Teacher Head of Science Faculty - Mr. James Russell

YEAR 10 PHYSICS

ONE SEMESTER

Students use the context of direct relevance to their lives to investigate and experience a wide range of physical phenomena related to motion, magnets, and the universe. Students develop skills in explaining that the motion of objects involves the interaction of forces and the exchange of energy and can be described and predicted using the laws of physics. Following this student then investigate and explain that the interaction of magnets can be explained by the field model; magnets are used in the generation of electricity and the operation of motors. Finally, students examine the universe, including galaxies, stars and solar systems; and how the Big Bang theory can be used to explain the origin of the universe.

Content Overview	**Year 10 Physics includes the following topics:** • Universe • Magnetism • Motion
Future Study Pathways	**Next year options:** • VCE Unit 1 & 2 Physics **After school options:** • TAFE • University – Physics is a common prerequisite for many University Courses.
Types of Assessment	**Year 10 Physics includes the following assessments:** • Topic Tests • Practical Reports • Scientific Posters • End of Semester exam
Further Information	**For further information about this subject, please contact:** Your Year 9 Science Teacher Head of Science Faculty - Mr. James Russell

YEAR 10 PSYCHOLOGY

ONE SEMESTER

This subject is suited for students who have an interest in the study of human behaviour through biological, psychological, and social perspectives. Psychology is a broad discipline that incorporates both the scientific and systematic application of knowledge to personal and social circumstances in everyday life Knowledge and skills to be covered are designed to give students an introduction to the topics they can expect to undertake in Unit 1-4 studies of Psychology.
These include: the structure and function of the nervous system and how they interact to coordinate the functioning of the body, Nature Vs Nurture, Social cognition, Sensation and Perception, investigating the various models of learning and memory, describing the purpose of sleep, exploring, and understanding factors that contribute to mental health and wellbeing.

Content Overview	**Year 10 Psychology includes the following topics:** • The Nervous System • Sensation and Perception • Memory • Forensic Psychology
Future Study Pathways	**Next year options:** • VCE Unit 1 & 2 Psychology **After school options:** • TAFE • University – Psychology is an important subject to complete for those wanting to enter any Psychology related fields.
Types of Assessment	**Year 10 Psychology includes the following assessments:** • Topic Tests • Case Studies • Practical Reports • End of Semester exam
Further Information	**For further information about this subject, please contact:** Your Year 9 Science Teacher Head of Science Faculty - Mr. James Russell

06 HEALTH & PHYSICAL EDUCATION

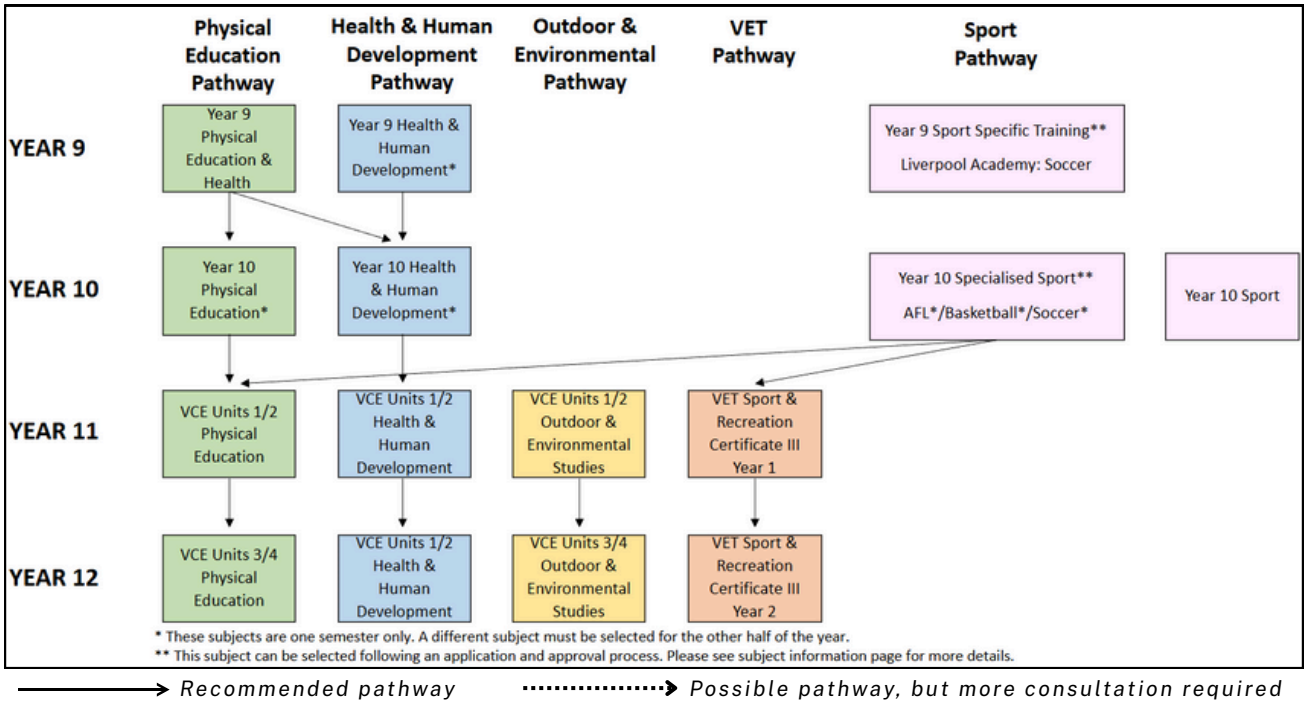
WHY STUDY A HaPE SUBJECT?

At St Patrick's College, our Health and Physical Education offerings — such as Health and Human Development, Sport, Physical Education, Outdoor and Environmental Studies and VET Sport and Recreation — support the development of the whole person. These subjects promote physical fitness, mental wellbeing, healthy lifestyle choices and encourages students to connect with nature and develop environmental awareness. They also build essential life skills like teamwork, leadership and resilience.

Students gain valuable insights into human development, health systems, and the role of sport in society, while also exploring pathways into careers in health, fitness, education, and community services. These subjects empower students to lead active, informed, and purposeful lives.

HaPE PATHWAYS

The diagram below shows the natural progression of each subject. Some changes are possible throughout the journey; however, these should only be made in consultation with your teacher.



YEAR 10 HEALTH & HUMAN DEVELOPMENT

ONE SEMESTER

In Year 10 Health and Human Development, students explore the complex and dynamic factors associated with the construction of health and wellbeing. This includes topics such as hygiene, nutrition, digestion, analysing diets, the gut-brain axis, sleep as both a physiological and psychological construct, health promotion and culture, & health in other countries. They will be required to complete a variety of activities and learning opportunities to assess health and wellbeing through analysing different health trends, completing research assessments and other practical real-world concepts.

Content Overview	**In this subject, students will cover:** • Health and Wellbeing • The role of the body in our wellbeing • Nutrition and digestion • The role of the brain in our wellbeing • Sleep • Health Status • Health Promotion

Future Study Pathways	**Next year options:**
	• VCE Units 1 & 2 Health and Human Development
	• VCE Units 1 & 2 Physical Education
	• VET Sport and Recreation (Year 1)
	
	After school options:
	• VCE Health and Human Development offers students a range of pathways such as health promotion, community health research and policy development, humanitarian aid work, allied health practices, and education.
	• University courses (examples):
	  ◦ Bachelor of Health Sciences
	  ◦ Bachelor of Nursing/Paramedics
	  ◦ Bachelor of Education (Health and Physical Education)

Types of Assessment	**This subject will be assessed by:** • Test • Research Task/Presentation • End of Semester Test
Further Information	**For further information about this subject, please contact:** • Your Year 9 PE and Health Teacher • Year 9 Health Teacher – Mrs Rylee Booth • Head of HaPE Faculty – Miss Carly Twaits

YEAR 10 PHYSICAL EDUCATION

ONE SEMESTER

Physical Education examines how the body performs during exercise and sporting activity. The course closely examines the functions of the body and how these functions interplay to deliver peak performance. Physical Education in Year 10 builds an understanding of how training and exercise in areas such as strength, flexibility and endurance relate to physical performance.

***Please note:** Year 10 Physical Education is designed to prepare students for VCE Units 1-4 Physical Education. This is a theory-based class. Students participate in some practical classes.*

Content Overview	**In this subject, students will cover:** • The anatomy and physiology of the human body (with emphasis on the muscular, skeletal, and cardiorespiratory systems), during exercise and sporting activity • The role of energy systems and use of food fuels in physical performance • Identification and testing of fitness components. • Devising training sessions that incorporate specific fitness components and training methods.
Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Physical Education • VCE VET Sport and Recreation (Year One) • VCE Units 1 & 2 Health and Human Development
Types of Assessment	**This subject will be assessed by:** • Laboratory Reports • Tests • End of semester Exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 Physical Education and Health teacher • Year 10 Physical Education Teachers – Mrs Rylee Booth and Mr Joe Black • Head of HaPE Faculty – Miss Carly Twaits

PHYSICAL EDUCATION: SPECIALISED SPORT - AFL
ONE SEMESTER

This unit is designed to introduce Year 10 students to advanced techniques and strategies within AFL. The focus will be on skill development, tactical understanding, and the application of sport-specific knowledge in both practice and competitive settings. Through a combination of theory and practical sessions, students will enhance their performance, teamwork, and sportsmanship in AFL. This unit also emphasises the importance of fitness, injury prevention, and the role of mental preparation in athletic performance.

The Specialist AFL program is select entry, meaning students who put in an expression of interest will need to meet the requirements outlined below to be considered for the subject.

Selection Criteria:

- *Students must have a keen interest in / or play AFL and want to improve their skills and knowledge of the game*
- *Students must have represented SPC in AFL*
- *Students must meet minimum attendance*
- *Students must meet behavioural requirements*
- *Students must apply in writing and be willing to be interviewed*

Content Overview	**In this subject, students will cover:**
	• Skill Acquisition, Analysis and Biomechanics - Kicking
	• Fitness Components – why/how to train fitness components for AFL (specificity)
	• Mental Resilience, mindfulness, monitoring tools, yoga, visualisation
	• Game Preparation – nutrition strategies
	• Individual and Team Training and Game Performance Analysis
	  ◦ Individual skill acquisition & development.
	  ◦ Team game plan & training plan development
	• Recovery and Injury Prevention Strategies

Future Study Pathways	**Next year options:** • Year 11 or 12 Physical Education • Year 11 Health and Human Development • VET Sport and Recreation
Types of Assessment	Assessments will be based on: • Practical/ Technical development • Written Reports and Practical Test • Training Program
Further Information	For further information about this subject, please contact: • Mr Jason Lappin • Head of HaPE Faculty – Miss Carly Twaits

PHYSICAL EDUCATION: SPECIALISED SPORT - BASKETBALL

ONE SEMESTER

This unit is designed to introduce Year 10 students to advanced techniques and strategies within Basketball. The focus will be on skill development, tactical understanding, and the application of sport-specific knowledge in both practice and competitive settings. Through a combination of theory and practical sessions, students will enhance their performance, teamwork, and sportsmanship in Basketball. This unit also emphasises the importance of fitness, injury prevention, and the role of mental preparation in athletic performance.

The Specialist Basketball program is select entry, meaning students who put in an expression of interest will need to meet the requirements outlined below to be considered for the subject.

Selection Criteria:

- *Students must have a keen interest in / or play basketball and want to improve their skills and knowledge of the game*
- *Students must have represented SPC in basketball*
- *Students must meet minimum attendance*
- *Students must meet behavioural requirements*
- *Students must apply in writing and be willing to be interviewed*

Content Overview	**In this subject, students will cover:** • In this subject, students will cover: • Skill Acquisition (Biomechanics Focus) • Fitness (Fitness Components, training principles for Basketball) • Game Sense & Tactics (Data Analysis) • Recovery and Injury Prevention • Advanced Basketball Skills and Sports Psychology (focus, mental rehearsal, visualisation & game preparation including nutrition, stress, mindfulness)
Future Study Pathways	**Next year options:** • Year 11 or 12 Physical Education • Year 11 Health and Human Development • VET Sport and Recreation
Types of Assessment	Assessments will be based on: • Practical/ Technical development • Written Reports and Practical Test • Training Program
Further Information	For further information about this subject, please contact: • Mr Josh Ebbels or Mr Jarrod Fryar • Head of HaPE Faculty – Miss Carly Twaits

PHYSICAL EDUCATION: SPECIALISED SPORT - SOCCER
ONE SEMESTER

This unit is designed to introduce Year 10 students to advanced techniques and strategies within soccer. The focus will be on skill development, tactical understanding, and the application of sport-specific knowledge in both practice and competitive settings. Through a combination of theory and practical sessions, students will enhance their performance, teamwork, and sportsmanship in soccer. This unit also emphasises the importance of fitness, injury prevention, and the role of mental preparation in athletic performance.

The Specialist Soccer program is select entry, meaning students who put in an expression of interest will need to meet the requirements outlined below to be considered for the subject.

Selection Criteria:

- *Students must have a keen interest in / or play soccer and want to improve their skills and knowledge of the game*
- *Students must have represented SPC in soccer*
- *Students must meet minimum attendance*
- *Students must meet behavioural requirements*
- *Students must apply in writing and be willing to be interviewed*

Content Overview	**In this subject, students will cover:** • Skill & Introduction to Principles of Play (penetration, support, width, creativity/ pressure, cover, balance, compact) • Fitness & Further Detail to Principles of Play (soccer specific conditioning) • Game/ SEPEP & Mental Resilience (Tournament play with focus on mental values (Resilience, teamwork, consideration, respect etc.) • Game based 11 a side Strategy (Game Analysis) • Fitness, Recovery and Injury Prevention
Future Study Pathways	**Next year options:** • Year 11 or 12 Physical Education • Year 11 Health and Human Development • VET Sport and Recreation
Types of Assessment	Assessments will be based on: • Practical/ Technical development • Written Reports and Practical Test • Training Program
Further Information	For further information about this subject, please contact: • Mr Ryan Williams – Liverpool Academy Coach • Head of HaPE Faculty – Miss Carly Twaits

YEAR 10 SPORT
FULL YEAR

Physical activity, sport and recreation are important in the lives of people in Australia. For a long time now the link between lifelong participation in physical activity and sport, and physical, social, and emotional, fitness, health and wellbeing, has been clear. Sport education at St Patrick's College seeks to provide boys with experiences that are challenging and enjoyable, and that promote personal growth and lifelong physical activity.

Content Overview	**In this subject, students will cover:**
	• **Semester One**
	  ◦ Court Sports (including Basketball, Netball, European Handball, Korfball and Volleyball)
	  ◦ Endzone Sports (including Touch Rugby, Ultimate Frisbee and Flag Football)
	• **Semester Two**
	  ◦ Fitness
	  ◦ Kicking Sports (AFL 9s, Soccer, Futsal, Gaelic)
	  ◦ Lifelong Sports (including lawn bowls, tennis, badminton, golf, squash and racquetball and croquet)

Future Study Pathways	**Next year options:** • Year 11 or 12 Physical Education • Year 11 Health and Human Development • VET Sport and Recreation
Types of Assessment	• Direct observation of student participation in, and level of application to, practical activities
Further Information	For further information about this subject, please contact: • Your current Physical Education teacher • Head of HaPE Faculty – Miss Carly Twaits

07
HUMANITIES

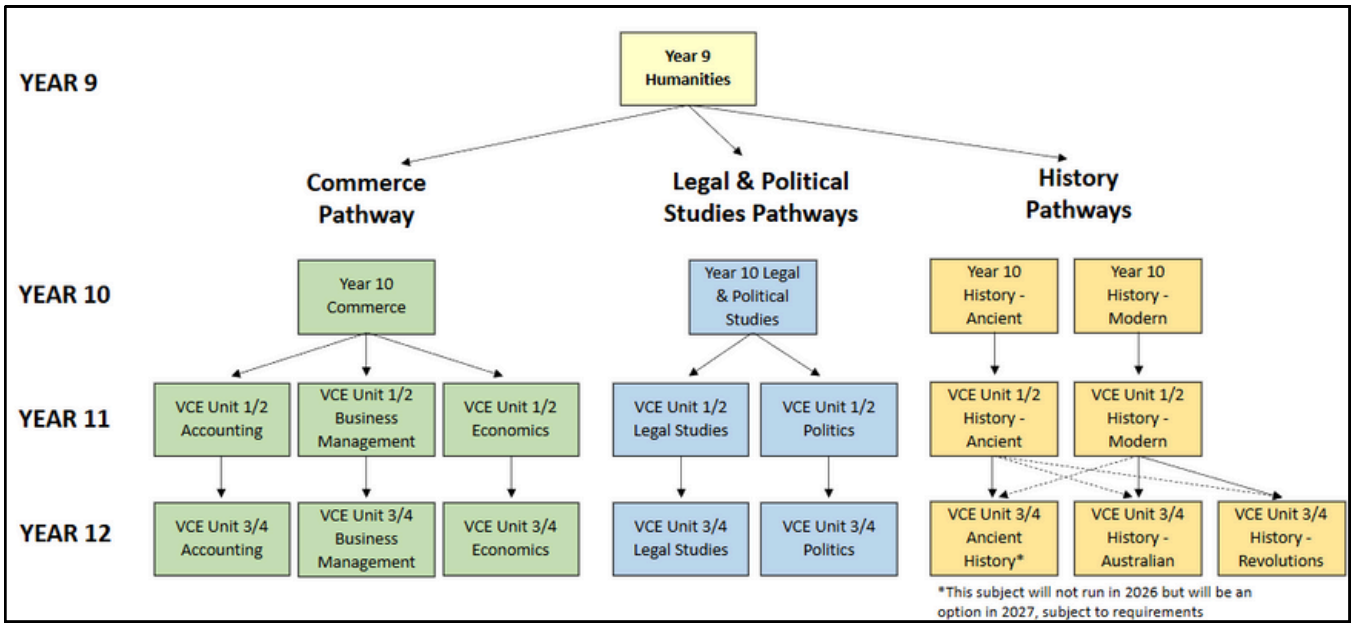
WHY STUDY A HUMANITIES SUBJECT?

Learning in the Humanities helps us understand the rich complexity of human experience across time, cultures, and beliefs. Through the Humanities, students investigate people's interconnections with society, groups and other individuals and with built and natural environments. Humanities subjects provide a framework for students to examine the human-related systems and processes that have shaped the world — skills essential for navigating an increasingly interconnected humanity.

Through studying History, Geography, Business and Economics and Civics and Citizenship, we gain insights into who we are and how we shape our societies. Ultimately, the Humanities empower us to be thoughtful, informed, and active citizens.

HUMANITIES PATHWAYS

The diagram below shows the natural progression of each subject. Some changes are possible throughout the journey; however, these should only be made in consultation with your teacher.



Recommended pathway *Possible pathway, but more consultation required*

COMMERCE

ONE SEMESTER

In this subject, students will explore essential business concepts, principles, and terminology, gaining insight into the purpose and significance of businesses locally, nationally, and globally. They'll examine the environments in which businesses operate, understanding relationships between key stakeholders. Additionally, students will learn about the role of financial literacy in managing personal finances. Moreover, they'll develop an understanding of the Australian economy, connecting economic events to their outcomes.

Content Overview	**In this subject, students will cover:**
	• **Financial Literacy**
	  ◦ Personal Finance
	• **Business**
	  ◦ The Business Environment
	• **Economics**
	  ◦ Microeconomics
	  ◦ Macroeconomics

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Economics • VCE Units 1 & 2 Business Management • VCE Units 1 & 2 Accounting **After school options:** • TAFE • University
Types of Assessment	**This subject will be assessed by:** • Structured Question Tests • Assignments • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Humanities teacher • Head of Humanities Faculty – Ms Jennifer Casey

ANCIENT HISTORY

ONE SEMESTER

In Year 10 Ancient History, students will embark on a fascinating journey through Ancient History, beginning with the rich history of Greece, spanning from the Minoan Age to the influential Hellenistic Period, understanding the achievements and legacies of this remarkable civilisation. Students will also learn about the ancient Romans, from its Republic to the mighty Empire, gaining insights into its politics, society, and culture.

Content Overview	**In this subject, students will cover:**
	• **Greece**
	  ◦ Minoan Age
	  ◦ Hellenistic Period
	• **Rome**
	  ◦ Roman Republic
	  ◦ Roman Empire

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Ancient History • VCE Units 1 & 2 Modern History **After school options:** • TAFE • University
Types of Assessment	**This subject will be assessed by:** • Structured Question Tests • Source Analysis Questions • Historical Inquiry • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Humanities teacher • Head of Humanities Faculty – Ms Jennifer Casey

LEGAL AND POLITICAL STUDIES

ONE SEMESTER

Students explain the key principles of Australia's system of justice and analyse the role of Australia's court system. This course focuses on criminal law. Students analyse the role of the High Court and explain how Australia's international legal obligations influence law and government policy. Students also evaluate features of Australia's political system including democratic values and political ideologies.

Content Overview	**In this subject, students will cover:**
	• **Criminal Law**
	  ◦ Creation of laws
	  ◦ Structure and role of parliament.
	  ◦ Victorian Court Hierarchy
	  ◦ Types of crimes
	  ◦ Role of court in criminal law
	  ◦ The role of the jury in criminal law
	• **Government and Democracy**
	  ◦ Features of Australia's political system
	  ◦ Democracy
	  ◦ Political parties
	  ◦ Foreign Aid
	  ◦ Sustainable development goals
	  ◦ Referendums
	  ◦ Role of the High Court
	  ◦ Rights

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Legal Studies • VCE Units 1 & 2 Politics **After school options:** • TAFE • University
Types of Assessment	**This subject will be assessed by:** • Structured Question Tests • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Humanities teacher • Head of Humanities Faculty – Ms Jennifer Casey

MODERN HISTORY

ONE SEMESTER

In Year 10 Modern History: Australia, students will explore key aspects of World War II and the Cold War, starting with its causes and focusing on the Australian experience during the wars. They will learn about significant events, people, and the impact of the wars on Australia. Additionally, students will delve into Rights and Freedoms, with a particular emphasis on indigenous studies, examining the struggles and achievements of indigenous peoples.

Content Overview	**In this subject, students will cover:**
	• **Causes of WWII**
	  ◦ Lead into WWII
	• **World War II**
	  ◦ European War
	  ◦ The Holocaust
	  ◦ Pacific Theatre
	• **Rights and Freedoms**
	  ◦ The Cold War
	  ◦ Freedoms before 1965

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Modern History • VCE Units 1 & 2 Ancient History **After school options:** • TAFE • University
Types of Assessment	**This subject will be assessed by:** • Structured Question Tests • Source Analysis Questions • Historical Inquiry • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Humanities teacher • Head of Humanities Faculty – Ms Jennifer Casey

08

ARTS

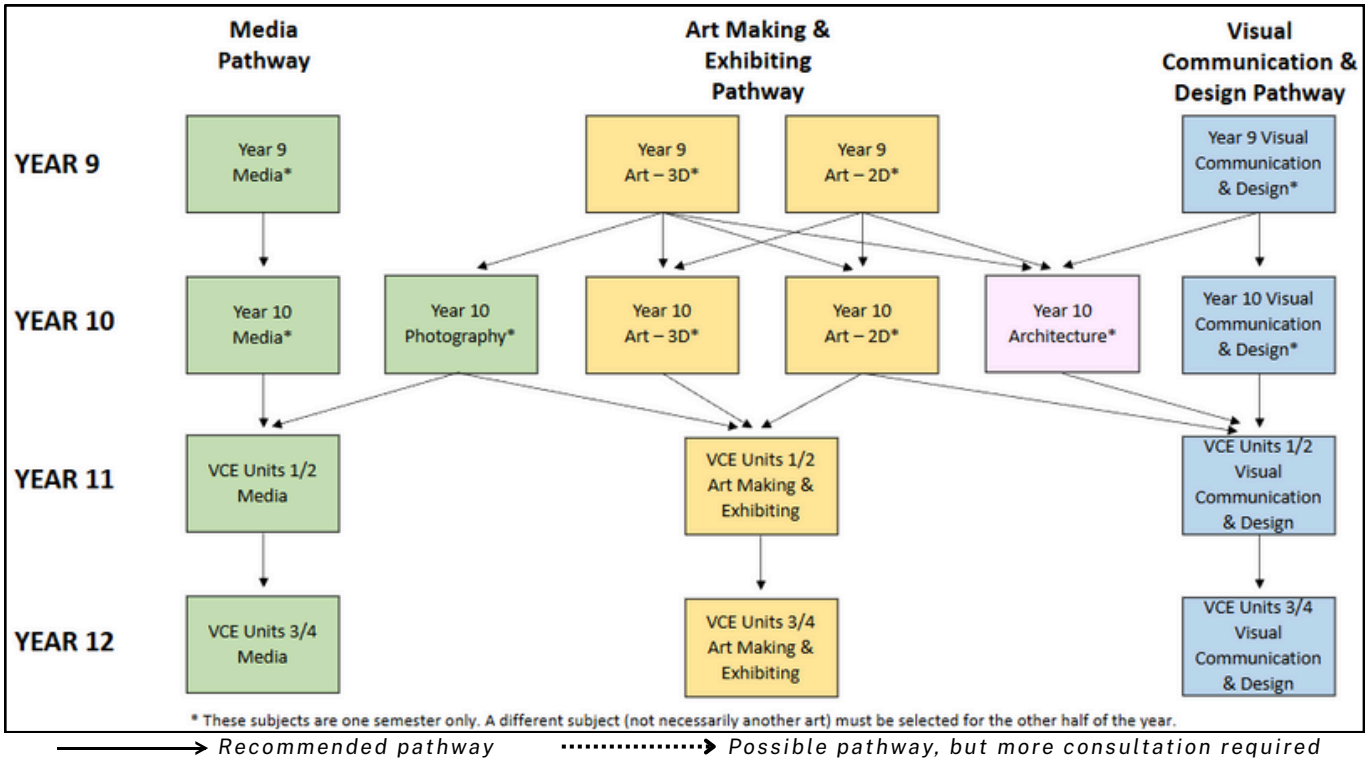
WHY STUDY AN ARTS SUBJECT?

At St Patrick's College, our diverse Arts curriculum — encompassing Visual Communication & Design, Art Making & Exhibiting, Media, Architecture, Photography, 2-D & 3D Art, — empowers students to become creative, adaptable, and innovative thinkers prepared for the future.

By engaging in hands-on projects and exploring complex ideas, students develop essential skills in visual literacy, critical thinking, and creative problem-solving. These capabilities are highly valued in emerging industries such as digital media, design, architecture, advertising, and visual storytelling. Beyond career readiness, our Arts programs foster cultural awareness, confidence, and personal expression — equipping students with the tools to shape, interpret, and influence the world around them.

ARTS PATHWAYS

The diagram below shows the natural progression of each subject. Some changes are possible throughout the journey; however, these should only be made in consultation with your teacher.



YEAR 10 2D ART
ONE SEMESTER

2D Art is a dynamic and immersive program designed to develop students' creativity and skills in traditional and digital arts practices.
Students focus on 2D art forms including drawing, painting, printmaking, photo media, and digital image manipulation. Students will be introduced to theories of contemporary practices and concepts, allowing for a comprehensive understanding of the artistic process.

Content Overview	**In this subject, students will cover:**
	• **Drawing & Painting**
	  ◦ Contemporary Drawing & Painting Techniques
	  ◦ Portraiture
	  ◦ Indigenous Art & Iconography
	• **Printmaking**
	  ◦ Relief, intaglio & Screen-printing
	  ◦ Social Justice & Activist Art
	• **Digital Arts Practices**
	  ◦ Photographic Manipulation/Digital Imaging
	  ◦ Appropriation in Art

Future Study Pathways	**Next year options:** • VCE Art Making & Exhibiting • VCE Visual Communication Design • VCE VET Creative Digital Media **After school options:** • TAFE courses in Visual Arts & Design, Screen & Media, Theatre Arts • University degrees in Visual Arts, Visual Communication Design, Screen & Media, Photography, Theatre Arts, Arts Management
Types of Assessment	**This subject will be assessed by:** • Folio of Artworks • Artist & Contemporary Practice Analysis • End of Semester Exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 Art teacher • Head of Arts Faculty: Ms. Jeanean Pritchard

YEAR 10 3D ART
ONE SEMESTER

3D Art is an empirical and hands-on program designed to develop students' creativity and skills in traditional and digital arts practices.
Students focus on 3D art forms including ceramics, sculpture, installation & 3D digital art. Students will be introduced to theories of contemporary practices and concepts, allowing for a comprehensive understanding of the artistic process.

Content Overview	**In this subject, students will cover:**
	• **Ceramics**
	  ◦ Hand-building
	  ◦ Slip Casting
	  ◦ Indigenous Art & Totem
	• **Sculpture**
	  ◦ Sculpting & Carving
	  ◦ Public Art
	  ◦ Creature Art
	• **Mixed Media & Digital Processes**
	  ◦ 3D Modelling
	  ◦ Exhibiting Artworks

Future Study Pathways	**Next year options:** • VCE Art Making & Exhibiting • VCE Visual Communication Design • VCE VET Creative Digital Media **After school options:** • TAFE courses in Visual Arts & Design, Screen & Media, Theatre Arts • University degrees in Visual Arts, Visual Communication Design, Screen & Media, Photography, Theatre Arts, Arts Management
Types of Assessment	**This subject will be assessed by:** • Folio of Artworks • Artist & Contemporary Practice Analysis • End of Semester Exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 Art teacher • Head of Arts Faculty: Ms. Jeanean Pritchard

YEAR 10 ARCHITECTURE

ONE SEMESTER

Architecture study offers students a comprehensive introduction to architectural design and theory. The curriculum covers architectural history, design elements and principles, architectural construction techniques, and sustainable practices. Students apply their understanding of concepts and develop their creative skills.
Students learn how to draw manually, creating perspective, isometric, planometric, plan view, and elevation drawings. Students are also exposed to computer-aided design (CAD) software, enabling them to create and present their architectural designs using modern tools.

Content Overview	**In this subject, students will cover:**
	• **Architectural Drawing**
	  ◦ 1- and 2-Point Perspective Drawing
	  ◦ Floor Plans and Elevations
	  ◦ Isometric and Planometric Drawing
	• **Architectural Design**
	  ◦ Architectural Design Practices
	  ◦ Architectural Design Analysis
	• **Computer Aided Design (CAD)**
	  ◦ Architectural Design using CAD
	  ◦ Responding to an Architectural Design Brief

Future Study Pathways	**Next year options:** • VCE Visual Communication Design • VCE Product Design & Technology • VCE Systems Engineering **After school options:** • TAFE courses in Landscape and Interior Design, Visual Arts & Design, Product and Industrial Design • University degrees in Architecture, Environmental Design, Visual Communication Design, Product & Industrial Design, and Visual Arts
Types of Assessment	**This subject will be assessed by:** • Folio of Artworks • Contemporary Practice Analysis • End of Semester Exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 Visual Communication Design or Art teacher • Head of Arts Faculty: Ms. Jeanean Pritchard

YEAR 10 MEDIA

ONE SEMESTER

The Media course is an engaging program that explores the world of media with an emphasis on film. Students will analyse a media text, examining the production techniques, narratives, aesthetics, and cultural contexts. They will also explore issues such as media representation, and audience reception.
Students will create their own films, and learn about storytelling techniques, media technologies, and the process of media production, including pre-production planning, production, and post-production editing.

Content Overview	**In this subject, students will cover:** • **Media Representation** • Narratives • Media codes & conventions • **Media Production Process** • Pre-production • Production • Post-Production • **Media Industry** • Audience • Auteurs
Future Study Pathways	**Next year options:** • VCE Media • VCE VET Creative Digital Media • VCE Art Making & Exhibiting **After school options:** • TAFE courses in Media, Communication, Journalism, Screen & Media, Theatre Arts, • University degrees in Media, Journalism, Media Communication, Theatre Arts, and Visual Arts
Types of Assessment	**This subject will be assessed by:** • Short Film Pre-production • Short Film Production • Short Film post-production • Analysis of a film text • End of Semester Examination
Further Information	**For further information about this subject, please contact:** • Your Year 9 Media teacher • Head of Arts Faculty: Ms. Jeanean Pritchard

YEAR 10 PHOTOGRAPHY

ONE SEMESTER

Photography is a comprehensive program designed to equip students with the fundamental knowledge and skills needed to excel in photography. Students will develop an understanding of photographic technology, camera and equipment handling, composition, lighting techniques, and post-processing techniques, such as exposure correction, retouching, and image manipulation. Students will explore different types of photography, such as landscape, portrait, still life, and street/action photography, and study the work of professional photographers.

Content Overview	**In this subject, students will cover:** • **Composition & Lighting** • Traditional & Contemporary Compositional Techniques • Shot size, Point of View, Orientation • Lighting Techniques • **Camera Handling & Post-Processing** • Exposure Control, Focus Control • Post Capture Processing Techniques and Effects • **Professional Practice** • Photographic analysis
Future Study Pathways	**Next year options:** • VCE Art Making & Exhibiting • VCE Visual Communication Design • VCE VET Creative Digital Media **After school options:** • TAFE courses in Visual Arts & Design, Photography, Screen & Media, • University degrees in Visual Arts, Visual Communication Design, Screen & Media, Photography, Theatre Arts, Arts Management
Types of Assessment	**This subject will be assessed by:** • Folio of Photographic Artworks • Contemporary Practice Analysis • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Art or Visual Communication Design teacher • Head of Arts Faculty, Ms. Jeanean Pritchard

YEAR 10 VISUAL COMMUNICATION DESIGN

ONE SEMESTER

Visual Communication Design (VCD) students develop their creative and technical skills by exploring design elements and principles, design thinking, problem-solving, use of digital and traditional media, and analysis of professional practice.
Students will engage in practical tasks, including sketching, illustration, typography, layout, environmental, interactive, product, packaging, and object design.

Content Overview	**In this subject, students will cover:** • **Drawing Systems** • 1- and 2-Point Perspective Drawing • Technical Flats & Orthogonal Drawing • Isometric and Planometric Drawing • **Design Fields & The Design Process** • Human-Centred Design • Design Elements & Principles • **Design Professional Practice** • Design Analysis • Principles of Good Design & Sustainability
Future Study Pathways	**Next year options:** • VCE Visual Communication Design • VCE Product Design & Technology • VCE Systems Engineering • VCE VET Creative Digital Media • VCE Art Making & Exhibiting **After school options:** • TAFE courses in Communication, Visual, Fashion, Landscape and Interior Design, Product and Industrial Design, Media • University degrees in Visual Communication Design, Architecture, Environmental Design, Product & Object Design, Fashion, Media, and Visual Arts
Types of Assessment	**This subject will be assessed by:** • Folio of Visual Communication Design • Contemporary Practice Analysis • End of Semester Examination
Further Information	**For further information about this subject, please contact:** • Your Year 9 Visual Communication Design or Art teacher • Head of Arts Faculty, Ms. Jeanean Pritchard

09

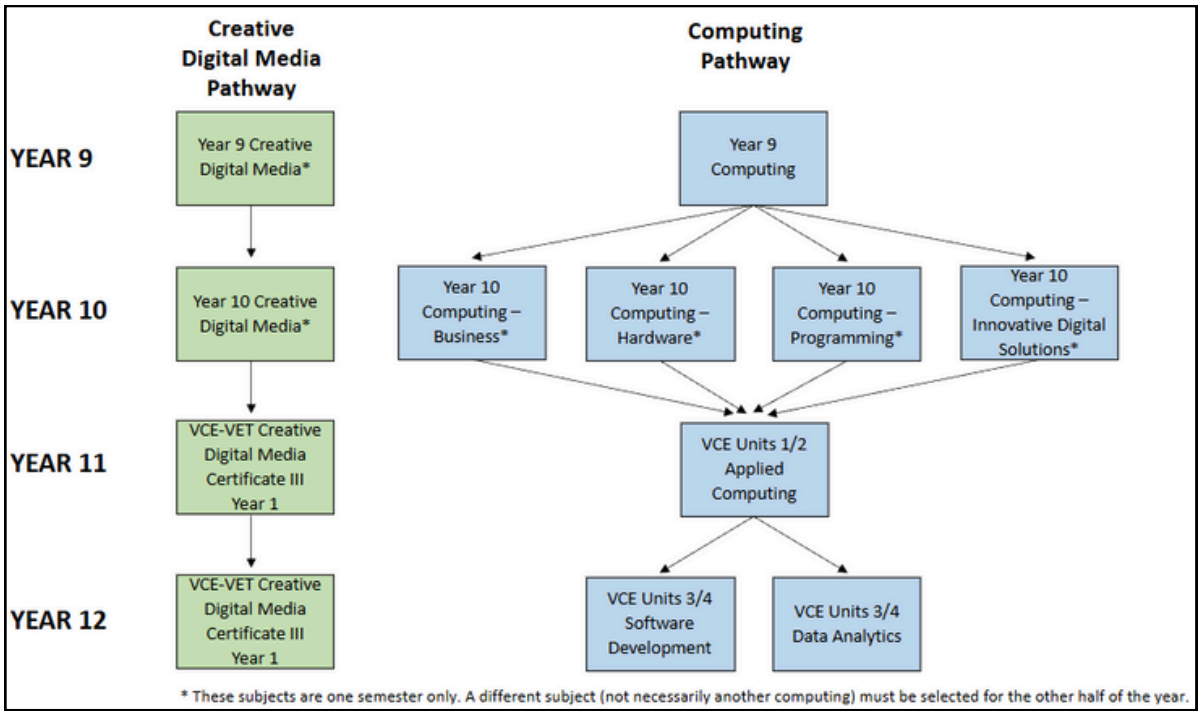
COMPUTING

WHY STUDY A COMPUTING SUBJECT?

At St Patrick's College, our Computing subjects — including Creative Digital Media, Business Computing, Hardware, Programming, Applied Computing, Software Development, and Data Analytics — equip students with essential skills for the digital age. These subjects foster logical thinking, creativity, and technical proficiency, preparing students to thrive in a technology-driven world. Whether designing digital content, building software, analysing data, or understanding computer systems, students gain hands-on experience and problem-solving abilities that are highly valued across industries. Computing opens doors to careers in IT, cybersecurity, game design, business analytics, and beyond, while nurturing adaptable, future-ready learners.

COMPUTING PATHWAYS

The diagram below shows the natural progression of each subject. Some changes are possible throughout the journey; however, these should only be made in consultation with your teacher.



YEAR 10 COMPUTING

ONE SEMESTER

Technologies play a vital role in enhancing the lives of individuals and society as a whole. Australia requires innovative individuals who can make informed decisions regarding the creation and utilisation of technologies. These individuals should be capable of independently and collaboratively developing digital solutions for intricate challenges. This course will push students to employ design thinking in crafting digital solutions for actual problems. Additionally, it aims to improve students' computer literacy by teaching software skills relevant to both computing and the modern digital landscape of the 21st century.

Content Overview	**In this subject, students will cover:**
	• **Business Software Solutions**
	  ◦ Creating interactive solutions that produce information for users.
	  ◦ Developing a solution with the end user in mind.
	  ◦ Working collaboratively with others to investigate, design, plan, manage, create and evaluate solutions.
	  ◦ Expanded use of Microsoft Office suite – in particular Excel.
	  ◦ An introduction to MS Access and Programming.
	• **Digital Systems**
	  ◦ Advanced use of Windows, the Internet, file storage and collaboration software.
	  ◦ Being able to make informed and ethical decisions about the role, impact and use of technologies in society.
	  ◦ Developing new thinking and learning skills and more productive ways of working and solving problems individually and collaboratively.

Future Study Pathways	**Next year options:** • VCE Units 1/2 Applied Computing • VCE Units 3/4 Software Development **After school options:** • TAFE courses in Information Technology, Computer Programming, and Web Development • University degrees in Computer Science, Software Engineering, Information Systems, and related fields (Digital Technologies may be a prerequisite for some courses
Types of Assessment	**This subject will be assessed by:** • Portfolio - Individual software projects. • Report - Development of programming solutions. • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Computing teacher • Head of Computing Faculty – Ms Katherine Swagerman

YEAR 10 CREATIVE DIGITAL MEDIA

ONE SEMESTER

This course aims to familiarise students with various career paths in the Creative Industries, including roles like 2D/3D artists, web designers, animators, and special effects artists. It provides an overview of skills covered in the VCE VET Cert III in Screen and Media.
Students will get an introduction to digital photo editing, creating images, web design, and 2D animation. They will develop these skills through hands-on projects focused on creating real products. The skills developed are applicable in a wide range of industries.

Content Overview	**In this subject, students will cover:** • **Theory** • Career • Design • Art • **Photoshop** • Image manipulation • Meeting a design brief • **Introduction to 3D Modelling** • Maya • UE4 • **Web design** • Design • Html Coding • CSS
Future Study Pathways	**Next year options:** • VCE VET Certificate III in Screen and Media Units 1-4 **After school options:** • TAFE – Certificate IV in Screen and Media • University – Courses in Creative Digital Media and Design and Interactive Technologies.
Types of Assessment	**This subject will be assessed by:** • Photoshop Portfolio • 3D Model Portfolio and final Project • Website Development
Further Information	**For further information about this subject, please contact:** • Head of Computing Faculty – Ms Katherine Swagerman

YEAR 10 COMPUTING - HARDWARE

ONE SEMESTER

In this course, students will learn about how computer systems function and how to choose compatible parts for building them. They'll have the opportunity to design, assemble, and set up their own systems, as well as explore fundamental computing software. Here are some specific requirements:

- *Before enrolling, students should discuss the course with their parents. It's important to note that students will need to purchase computer parts to build their own machines. Much of the course involves hands-on work with these machines.*
- *The cost of building a desktop computer will vary depending on the parts chosen, but it's expected to be at least $750. However, the final financial decision rests with the parents and students.*
- *The teacher will assist students in selecting parts based on their initial budget discussions with parents. They'll also offer recommendations based on current technology.*

Content Overview	**In this subject, students will cover:** • **Hardware** • How pieces of computer hardware operate and the process of selecting compatible parts. • The steps involved in building a computer and how-to troubleshoot problems. • **Software** • The process of installing, configuring, and using software. • Skill development in various software applications such as OneNote and Excel. • Programming • **Networking** • How computers operate in a networked environment and how to manage files.
Future Study Pathways	**Next year options:** • VCE Units 1/2 Applied Computing • VCE Units 3/4 Software Development • VCE Units 3/4 Data analytics **After school options:** • TAFE courses in Information Technology, Computer Programming, and Web Development • University degrees in Computer Science, Software Engineering, Information Systems, and related fields (Digital Technologies may be a prerequisite for some courses)
Types of Assessment	**This subject will be assessed by:** • Projects - Individual and collaborative. • Product - Students are assessed on the process by which they build a computer, analyse the selection of parts and the use of ICT skills in the process • Topic Tests • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Computing teacher • Head of Computing Faculty – Ms Katherine Swagerman

YEAR 10 COMPUTING - INNOVATIVE DIGITAL SOLUTIONS

ONE SEMESTER

This course invites young thinkers, designers, and creators to pioneer the digital solutions of the future. Students will delve into emerging technologies like AI, virtual reality, and the Internet of Things, discovering how to apply them to real-world problems. Through hands-on exploration, they'll develop solutions using these technologies. Then, in teams, students will tackle a societal issue of their choice, crafting an innovative digital solution.

Content Overview	**In this subject, students will cover:**
	• **Exploring Digital Innovations**
	  ◦ Artificial Intelligence (AI)
	  ◦ Internet of Things (IoT)
	  ◦ Web authoring
	  ◦ Virtual Reality
	  ◦ Societal impacts and benefits
	  ◦ New and emerging technologies
	• **Developing an Innovative Digital Solution**
	  ◦ Theory and purpose behind innovative solutions
	  ◦ Applied digital technology skills (working with hardware, data and code)
	  ◦ Manage, develop, create and market a solution

Future Study Pathways	**Next year options:** • VCE Units 1/2 Applied Computing • VCE Units 3/4 Software Development • VCE Units 3/4 Data analytics **After school options:** • TAFE courses in Information Technology, Computer Programming, and Web Development • University degrees in Computer Science, Software Engineering, Information Systems, and related fields (Digital Technologies may be a prerequisite for some courses)
Types of Assessment	**This subject will be assessed by:** • Portfolio – Problem solving tasks • Report - Digital Solution • Product - Digital solution which could be a technology presentation, proof of concept, solution prototype or solution development. • Presentation - Digital Solution • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Computing teacher • Head of Computing Faculty – Ms Katherine Swagerman

YEAR 10 COMPUTING - PROGRAMMING

ONE SEMESTER

Programming is like learning the language of computers, empowering you to craft digital solutions. It's not just enjoyable; it's also personally fulfilling and equips you with essential ICT skills for tomorrow.
Consider asking your parents, teachers, and coaches how often they utilise ICT in their fields. In this course, you'll grasp the basics of software development and create inventive applications.

Content Overview	**In this subject, students will cover:** • **Software Development** • Developing skills in a programming language to create a solution. • Designing and creating software applications. • Python, Visual Basic, etc • **21st Century skills** • Use tools to design and manage projects. • Communication, collaboration and problem solving. • Professional ICT practices. • Explore how programming is used to enhance the world. • Develop safe and secure applications that consider security and privacy.
Future Study Pathways	**Next year options:** • VCE Units 1/2 Applied Computing • VCE Units 3/4 Software Development **After school options:** • TAFE courses in Information Technology, Computer Programming, and Web Development • University degrees in Computer Science, Software Engineering, Information Systems, and related fields (Digital Technologies may be a prerequisite for some courses)
Types of Assessment	**This subject will be assessed by:** • Portfolio - Individual software projects. • Report - Development of programming solutions. • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 9 Computing teacher • Head of Computing Faculty – Ms Katherine Swagerman

10

DRAMA

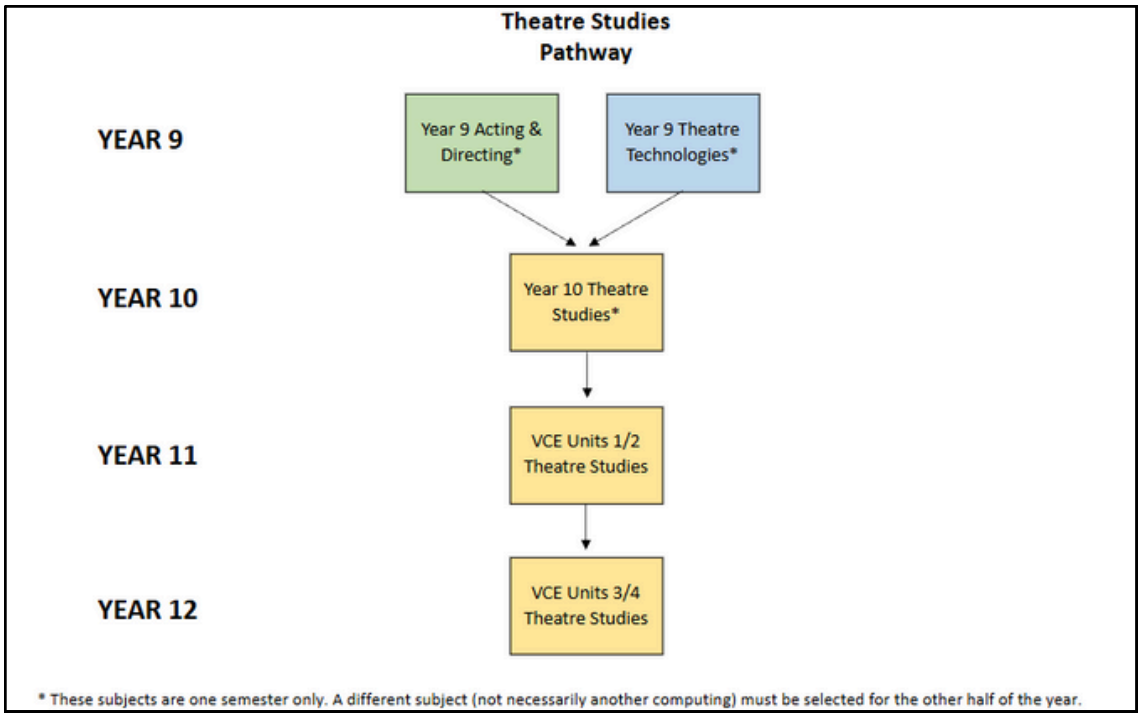
WHY STUDY A DRAMA SUBJECT?

At St Patrick's College, our Drama subjects — including Acting & Directing, Theatre Technologies, and Theatre Studies — offer students a dynamic and enriching experience in the performing arts. Drama fosters creativity, confidence, and collaboration, while developing communication and presentation skills that are valuable in all walks of life. Students explore performance, production, and the technical aspects of theatre, gaining insight into storytelling, stagecraft, and expressive movement.

These subjects also encourage empathy and cultural awareness through the study of diverse texts and theatrical traditions. Drama opens pathways to careers in the arts, media, education, and event production, while nurturing personal growth and self-expression.

DRAMA PATHWAYS

The diagram below shows the natural progression of each subject. Some changes are possible throughout the journey; however, these should only be made in consultation with your teacher.



→ *Recommended pathway* ⇢ *Possible pathway, but more consultation required*

YEAR 10 THEATRE STUDIES

ONE SEMESTER

In this subject, students apply three production roles across three areas of study to enhance their understanding of acting, directing or design for theatre.
Students work collaboratively to enhance their directorial skills by considering best practice for rehearsing and staging a class production. All students will maintain a folio documenting their contributions to the planning, rehearsal and presentation of the class play. At the conclusion of this subject, parents and friends will be invited to come along and watch this play presented in the Performing Arts Centre Theatre.
Students are not required to act, they may choose technical or design production roles that best suit their interests including the following options: direction, acting, set design, costume design, make-up design, properties design, lighting design or sound design. Students will watch and analyse a live theatre production.

Content Overview	**In this subject, students will cover:**
	• **Production Roles Application**
	  ◦ Acting/Directing
	  ◦ Design application to enhance interpretation
	• **Stages of the Production Process**
	  ◦ Planning, development and presentation of a play
	• **Analysing and evaluating theatre production**

Future Study Pathways	**Next year options:** • Unit 1 & 2 Theatre Studies **After school options:** • TAFE • University
Types of Assessment	**This subject will be assessed by:** • Script Interpretations/Performances • Short Answer and Extended Written Responses • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Drama/Theatre Studies Teacher • Head of Drama Faculty – Ms. Monique Allen

11

LANGUAGES

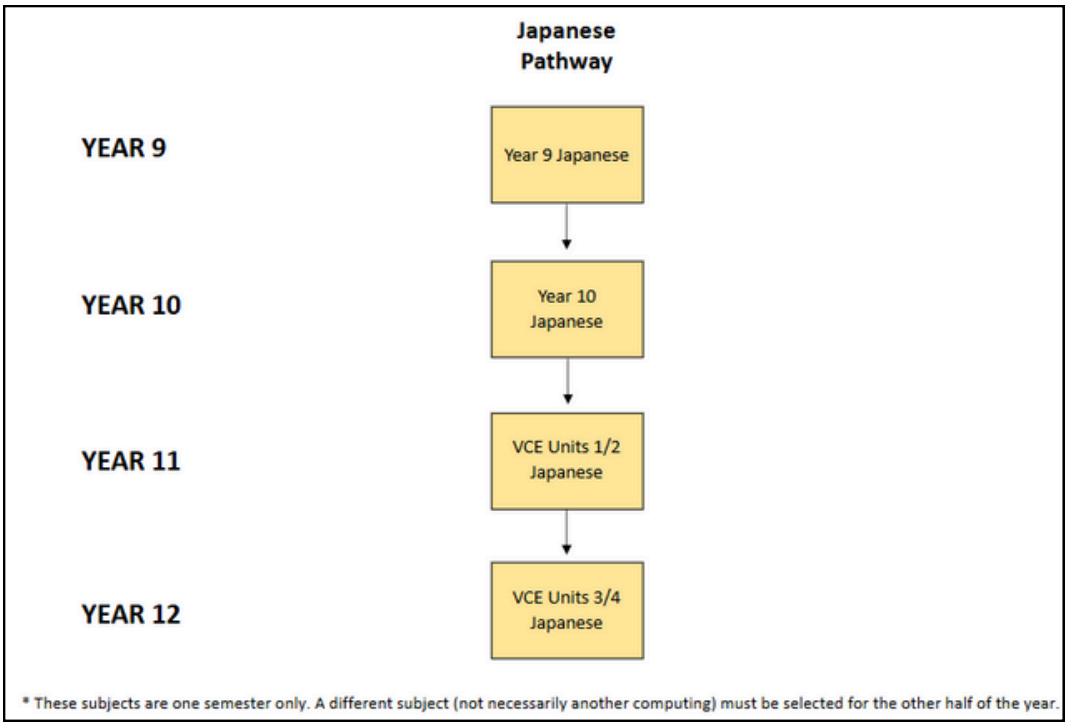
WHY STUDY A LANGUAGES SUBJECT?

At St Patrick's College, students have the opportunity to study Japanese, gaining valuable skills in communication, cultural understanding, and global awareness. Learning a second language enhances cognitive development, improves memory, and strengthens problem-solving abilities. Japanese offers insights into one of the world's most influential cultures and economies, opening doors to international travel, study, and career opportunities in business, education, tourism, and diplomacy.

Language learning also fosters empathy and respect for diversity, helping students become thoughtful global citizens. Studying Japanese equips students with lifelong skills that enrich both personal and professional experiences.

LANGUAGES PATHWAYS

The diagram below shows the natural progression of each subject.



YEAR 10 LANGUAGES - JAPANESE

FULL YEAR

In Year 10 Japanese students become more fluent and accurate in both spoken and written language. They use Japanese to communicate and socialise, to exchange information and to express feelings and opinions. They explore the similarities and differences in the workplace and look at future aspirations.
Students explore important topics within their own lives and gain a greater understanding of the role culture plays on language. Students continue to use the hiragana and katakana scripts and increase their range of kanji.

Content Overview	**In this subject, students will cover:**
	• **Town and Country**
	  ◦ Describing where you live
	  ◦ Giving and receiving directions
	• **School Trip**
	  ◦ Accommodation and travel
	  ◦ Giving opinions
	• **Part time jobs and future**
	  ◦ Describing your part time job
	  ◦ Talking about life after high school
	• **Homestay and etiquette**
	  ◦ Traditional Japanese etiquette
	  ◦ School and society rules

Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Japanese • Become eligible for International Baccalaureate • Japan Study Tour ◦ Students who study Japanese from years 9-12 are eligible for the trip held every second year • Exchange program – Three-month exchange to Daiichi High school in Fukuoka in term 4. • Japanese speech competition – annual competition for year 10 students – the first two prizes for which are a trip to Ballarat's sister city, Inagawa. **After school options:** • **University**
Types of Assessment	**This subject will be assessed by:** • Speech • Listening and reading assessment • Viewing and responding assessment • End of Semester Assessments
Further Information	**For further information about this subject, please contact:** • Your Year 9 Japanese teacher • Head of Languages Faculty – Ms Rachael Leighton

12 MUSIC

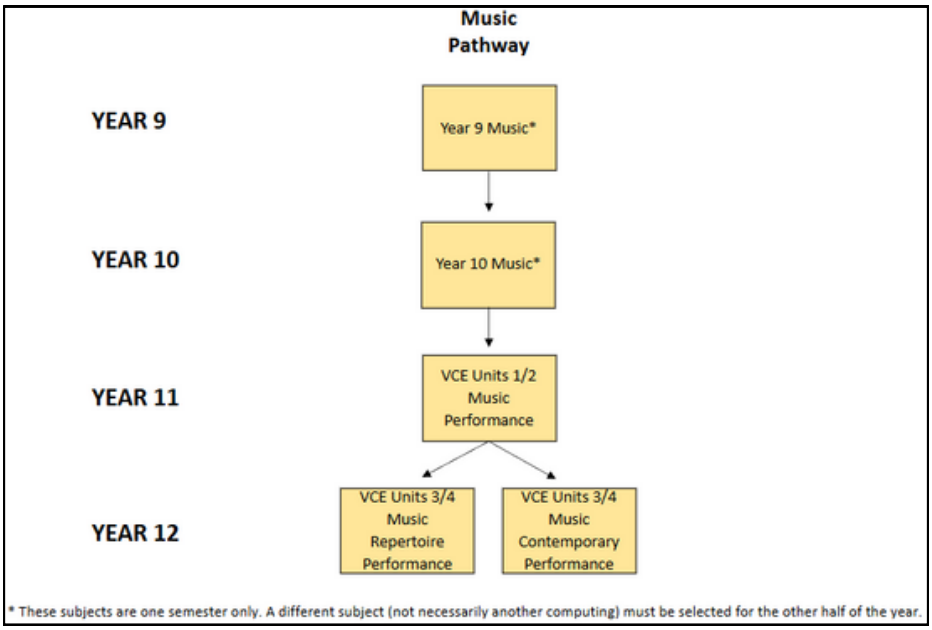
WHY STUDY A MUSIC SUBJECT?

At St Patrick's College, our Music program offers students a rich and rewarding artistic experience. Our Year 9 and 10 elective program works hand in hand with our Specialist Music Program to prepare students for VCE studies in music, tertiary pathways and a lifelong interest in music. The program empowers students with the skills and knowledge to be diverse, independent and capable musicians with the ability to create and perform music across a variety of contexts, styles and performance settings. Studying music nurtures creativity, discipline, and emotional expression, while developing technical skills in performance, composition, and music theory.

It enhances cognitive abilities, improves memory, and fosters collaboration through ensemble work. Music education also builds confidence and resilience, preparing students for public performance and lifelong appreciation of the arts. Whether pursuing a career in music or simply enriching their personal growth, students gain valuable skills that resonate far beyond the classroom.

MUSIC PATHWAYS

The diagram below shows the natural progression of each subject.



YEAR 10 MUSIC
ONE SEMESTER

The Year 10 Music Elective provides opportunities for students to further develop their performance, music language and analysis skills and knowledge. Across the semester, students with build on their ability to produce controlled and mindful performances and/or compositions. Students will hone their technical control and fluency, stage craft, rehearsal processes, and their ability to perform as both a soloist and ensemble member. Through research, students develop an understanding of historical, social and cultural influences that impact the style and interpretation of music works. This leads to informed decisions in shaping their compositions or interpretations of music works. Students will have the opportunity to explore and experiment with ways that music technology can be incorporating into live performance and recordings.
It is strongly recommended that students who enrol can play an instrument in a controlled, fluent and dexterous manner. Students should have instrumental music lessons with a teacher and have experience performing or presenting compositions for audiences.
It is recommended that students enrolling in this elective have completed the Year 9 Music Elective or have engaged with the Specialist Music Program at school.

Content Overview	**In this subject, students will cover:**
	• **Group Performance**
	  ◦ Instrumental Techniques and processes
	  ◦ Rehearsal and presentation conventions
	• **Composition (if applicable)**
	  ◦ Creative processes for Composition
	  ◦ Compositional Devices
	  ◦ Preserving and presenting Compositions
	• **Music Language**
	  ◦ Elements of Music
	  ◦ Practical Musicianship
	• **Analysis**
	  ◦ Structures in Music
	  ◦ Styles and Context of Music

Future Study Pathways	**Next year options:** • VCE Music Studies **After school options:** • TAFE based qualifications in Music Performance and Music Technology • University – Bachelor or Diploma Courses in Music Performance of Composition
Types of Assessment	**This subject will be assessed by:** • A Portfolio of analysis and musicianship tasks • In class tests • Presentation of performances and compositions • End of Semester Examinations
Further Information	**For further information about this subject, please contact:** • Your Year 8 Music teacher • Head of Music Faculty - Mr Matthew Pankhurst

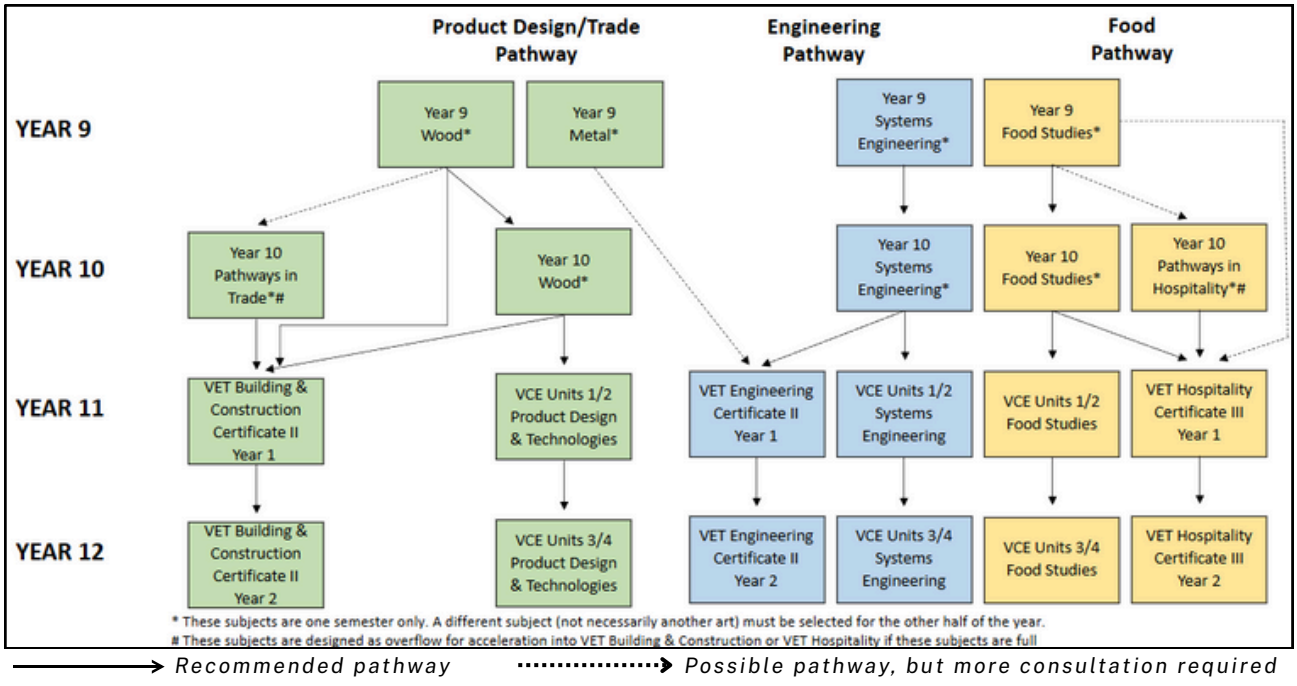
13 TECHNOLOGY

WHY STUDY A TECHNOLOGY SUBJECT?

At St Patrick's College, our Technology subjects — including Metal, Wood, Systems Engineering, and Food Studies — offer students practical, hands-on learning that builds real-world skills and creativity. With pathways through to VCE and VET Certificate courses in Building & Construction, Engineering, and Hospitality, students can explore their interests while gaining industry-relevant experience. These subjects foster problem-solving, design thinking, and technical proficiency, preparing students for careers in trades, engineering, manufacturing, and culinary arts. Technology education also promotes innovation, teamwork, and resilience, empowering students to create, build, and contribute meaningfully to their communities and future workplaces.

TECHNOLOGY PATHWAYS

The diagram below shows the natural progression of each subject. Some changes are possible throughout the journey; however, these should only be made in consultation with your teacher.



YEAR 10 FOOD STUDIES

ONE SEMESTER

This study is suitable for students interested in developing a range of skills in the key chemical and functional properties of food and food groups. This knowledge is then applied to food preparation skills. Throughout this course, students are encouraged to engage in various forms of critical thinking such as problem solving, decision making and investigation to present information.

Content Overview	**In this subject, students will cover:** • Understanding the 'design process' and developing the associated skills and techniques required to research, design, and produce. • The principles of baking and key ingredients. • The influence that various cultures have had on food consumption today. • The use of food models in food selection. • The role of key foods and nutrients in the diet throughout stages of the life span. • The application of safe and proper work practices in a kitchen environment. • Understanding of the food industry and the effects on a global scale.
Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Food Studies **After school options:** • Apprenticeships • TAFE • University
Types of Assessment	**This subject will be assessed by:** • Written tasks & assignments • Practical work (cooking) • Investigations. • End of Semester Exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 Food Studies Teacher • Head of Technology Faculty - Mr Roger Knight.

YEAR 10 PATHWAYS IN HOSPITALITY

ONE SEMESTER

This study is suitable for students interested in developing specific skills for the Hospitality industry. Ballarat's hospitality industry currently has an ever-increasing gap between "job-ready" school leavers and positions vacant.
This has created increased opportunities for willing and job-ready employees to find and retain meaningful work in an exciting career. This course will offer the opportunity for you to be "job-ready'.

Content Overview	**In this subject, students will cover:** • Food knowledge (at the introductory level) • Food safety (a practical working knowledge of hygiene and safe work practices). • Basic knife skills and safety • Use of basic kitchen and cookery equipment. • Knowledge and ability to clean kitchen premises. • Dishwashing • Knowledge and practical demonstration of basic methods of cookery to produce simple dishes. • Ability to follow a recipe. • Understanding of hospitality industry • Front of house operations
Future Study Pathways	**Next year options:** • VCE VET Hospitality Unit 1-2 (Cert II in Hospitality – Year 1) • VCE Units 1 & 2 Food Studies **After school options:** • Apprenticeships • TAFE – Commercial Cookery Certificate
Types of Assessment	**This subject will be assessed by:** • Skills competency • End of semester exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 Food Studies teacher • Head of Technology Faculty - Mr Roger Knight

YEAR 10 PATHWAYS IN TRADE

ONE SEMESTER

Pathways in Trade introduce students to some of the basic skills and knowledge associated with a variety of construction trades. Any students interested in maintaining trade-based employment options in the future should consider this subject.
The aim of this course is to:

- *Develop a broad base of key skills and knowledge in a range of construction trades*
- *Enable students to develop and identify a career pathway through exposure to a variety of tasks*
- *Develop work-related skills and employability attitudes*

Content Overview	**In this subject, students will cover:** • Occupational Health and Safety • Carpentry hand tools • Basic joinery techniques • Basic building techniques • Welding (Gas / MIG) • Metal Fabrication • Finishing processes • Applied Mathematics • Materials ordering • Project Management • Building documentation • Manual Handling techniques
Future Study Pathways	**Next year options:** • VCE VET Units 1 & 2 Building and Construction • Certificate II Building and Construction: Carpentry - Year 1 • VCE VET Units 1 & 2 Engineering Studies • Certificate II Engineering Studies – Year 1 • School-Based Apprenticeships **After school options include:** • Apprenticeships • TAFE
Types of Assessment	The Pathways in Trade course will have a range of different tasks and activities which will be assessed in a range of diverse ways. Students will be working in a supervised classroom and simulated workplace environment and will need to meet basic requirements as set out in the relevant curriculum documentation. Assessment will be both competency-based and assessable tasks.
Further Information	**For further information about this subject, please contact:** • Your Year 9 Technology teacher • Head of Technology Faculty - Mr Roger Knight

YEAR 10 SYSTEMS ENGINEERING

ONE SEMESTER

In this study, students learn how motion, force and energy are used to manipulate and control electromechanical systems when creating simple engineered solutions. Students study mechatronic systems and learn to problem solve using mechanisms and electronics. They use CAD CAM and 3D printing technology to design and make components for mechatronic systems. They study basic machines and the ways that mechanisms transform energy and motion from one form to another. Students study basic circuits and learn basic systems control and coding with microcontrollers.
In Systems Engineering, there is an emphasis placed on STEM (Science Technology Engineering and Mathematics).

Content Overview	**In this subject, students will cover:** • Mechanisms • Electronics • Systems Design • Systems Control
Future Study Pathways	**Next year options:** • VCE Units 1 & 2 Systems Engineering • VCE VET Units 1 & 2 Engineering Studies • Certificate II Engineering Studies – Year 1 **After school options:** • Apprenticeships • TAFE – Electrical trades • University – Engineering
Types of Assessment	**This subject will be assessed by:** • Engineering basic theory • Folio tasks that include investigating, generating, producing, evaluating, planning, and managing a range of projects. • Projects (production) • End of Semester Exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 Engineering teacher • Head of Technology Faculty - Mr Roger Knight

YEAR 10 TECHNOLOGY - WOOD

ONE SEMESTER

This study introduces students to the world of design within the Technology setting. Students gain an understanding of the influencing factors that surround the design and development of a timber product.
This course has an extensive product design focus which requires students to develop a solution for a given situation. Students then safely manufacture the product through workshop activities following teacher instruction. This course may suit those interested in careers in the design, manufacturing and construction industries.

Content Overview	**In this subject, students will cover:**
	• **Workshop Safety**
	  ◦ Onguard safety modules
	• **Design**
	  ◦ Design Folio Part A
	  ◦ Design Folio Part B
	• **Production**
	  ◦ Skills Task
	  ◦ Timber product manufacture

Future Study Pathways	**Next year options:** • VCE Units 1&2 Product Design and Technology. • VCE VET Units 1 & 2 Building and Construction • Certificate II Building and Construction: Carpentry - Year 1 **After school options:** • Apprenticeships • TAFE • University – Design orientated courses
Types of Assessment	**This subject will be assessed by:** • Development of a 2-part design folio • Manufacture of a timber product • End of Semester Exam
Further Information	**For further information about this subject, please contact:** • Your Year 9 Technology teacher • Head of Technology Faculty - Mr Roger Knight

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