Year 10 Subject Handbook

2026

Inspiring, engaging and dynamic, future-focused learning experiences for all

PRINCE of PEACE LUTHERAN COLLEGE

PoP PATHWAYS

Welcome

from our Acting Head of Senior Campus Mrs Coreta Lennon

Year 10 is an exciting milestone in every student's learning journey. It is a time to begin shaping their future by exploring subjects and experiences that will pave the way into Years 11 and 12, and beyond. It's a year of discovery, making informed choices, and developing the skills needed to thrive in an ever-changing world.

At Prince of Peace Lutheran College, our teaching is grounded in creative, transformative, research-informed practice. We deliver inspiring, dynamic, and future-focused learning experiences, personalised to each student and supported by innovative approaches that help them succeed.

> Year 10 is a year of growth, opportunity and vision. It is a chance to explore your interests, discover your strengths, and begin shaping the future you want to create.

This handbook is designed to guide students and families through the Year 10 program. Inside, you'll find details on course structure, subject selection, compulsory and elective options, and practical advice to help each student choose the combination that best suits their strengths, aspirations, and learning style. It also includes guidance on creating the Year 10 SET Plan and contact information for staff who can support you at every stage of the decision-making process.

In Semester 2, students will take part in our MyPoP Pathway program. This involves

- Participating in the Year 10 Career Education Short Course (6 months)
- Meeting with parents and the College to set up their SET PLAN
- Finalising their subject and course choices for Years 11 and 12.

By selecting subjects and courses that build both essential knowledge and employability skills, students can take purposeful steps toward their desired future. We encourage you to explore this handbook together, and seek guidance if needed.

Warm regards,

Coreta Lennon

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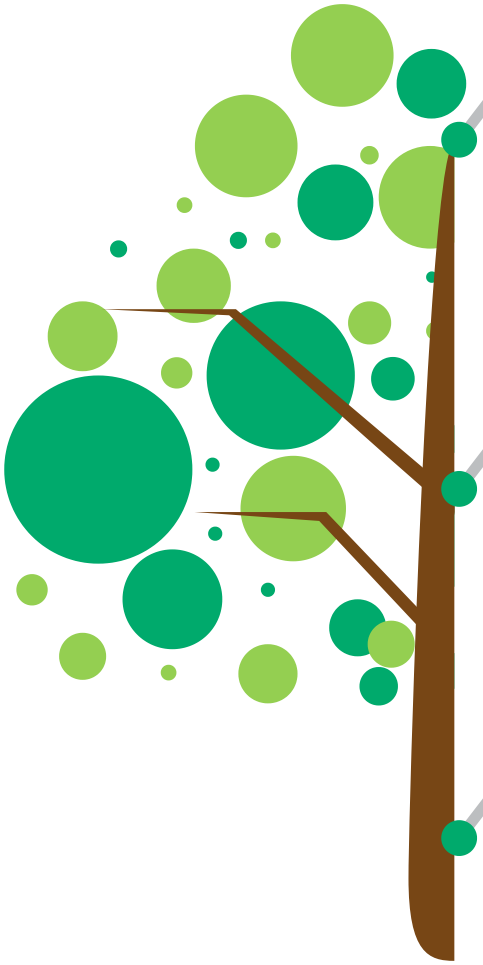
Subjects on Offer

Embracing Year 10

Your Senior Education Profile

Upon completion of Year 12, all Queensland students are issued a Senior Education Profile (SEP). This profile may include:



Statement of Results

Students are issued with a statement of results after graduation. A full record of study is issued in the first December or July after the student meets the requirements for a Queensland Certificate of Education (QCE).

QLD Certificate of Education

Students may be eligible for a Queensland Certificate of Education (QCE) at the end of their senior schooling. Students who do not meet the QCE requirements can continue to work towards the certificate post-secondary schooling.

QLD Certificate of Individual Achievement

The Queensland Certificate of Individual Achievement (QCIA) reports the learning achievements of eligible students who complete an individual learning program. These students have the option of continuing to work towards a QCE post-secondary schooling.

Curating your own SET PLAN

What is a SET Plan?

A Senior Education and Training Plan (SET Plan) is a confidential document that a student develops, in consultation with their parents/guardians and their school, to map their learning and career pathways. The plan details what, where and how a student will study during their senior phase of learning (usually in Years 11 and 12).

The process of compiling a SET Plan helps students think about how to structure their learning around their abilities, interests and ambitions. As part of the planning process, students think about their future, consider their abilities and investigate their options for careers and further education. In term 3, the student, in collaboration with the school and their parents or guardians, develops the SET Plan.

What is the purpose of a SET plan?

The purpose of a SET plan is to help students:

- Set and achieve their learning goals in Years 11 and 12.
- Include flexible and coordinated pathway options in their course of senior study.
- Think about their education, training and career options after Year 12 and make decisions about their learning pathways.
- Structure their learning around their abilities, interests and ambitions.
- Communicate with their parents, teachers and career guidance officers about their learning pathways and post-school plans.

> Your SET Plan is your game plan for life after school, created by you with support from your family and the College to help you chase your future goals.

How we develop a SET plan for you

Each school has its own SET planning process. Once your child's SET plan has been developed, you, your child and the other people involved in developing the plan should sign and date the plan to show agreement.

What happens now

You are encouraged to stay involved in the SET planning process so you can support your child through their learning. Students are recommended to review their SET Plan regularly to make sure their subjects and learning are right for them, and that they can maintain a pathway to the courses and career they want after Year 12. If students want to change their subjects or courses, it is important that they discuss this with their school or other learning provider.

Queensland Curriculum and Assessment Authority (QCAA) Registration

Prior to Year 11, your child will be registered with the Queensland Curriculum and Assessment Authority by the College. Upon registration, your child will have a learning account opened and be issued with a Learners Unique Identifier (LUI). From then on, as your child completes various units of learning and training, credits will be banked in their learning account. They can then access and monitor their account through the QCAA website (https://studentconnect.qcaa.qld.edu.au/). In general their learning account will remain open until the student is awarded their Queensland Certificate of Education (QCE).

Special Considerations

The QCAA recognises that students with a disability and/or medical condition/s, or those who have experienced or encountered barriers to their performance in assessment, and therefore, may need special consideration.

Who is eligible?

Students are eligible for AARA if they have:

- a disability,
- Impairment and/or medical condition/s, or
- Experience other circumstances creating a barrier to the completion or performance in assessment such as a natural disaster, accident or significant cultural obligation.

Who isn't eligible?

Students will not be eligible for AARA on the following grounds:

- Unfamiliarity with the English language
- Teacher absence or other teacher-related difficulties
- Matters that the student could have avoided (e.g. misreading an exam timetable, misreading instructions in the exam)
- Matters of the students or parents own choosing (e.g. family holidays)

To apply for AARA, students are required to submit relevant QCAA Confidential Medical Report and Confidential Student Statement to the Director of Teaching and Learning, Mrs Wendy Bowen, by the end of Term Two of Year 11.

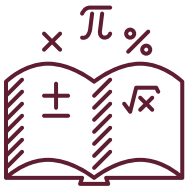
The aforementioned documents are used by the College to determine the appropriate adjustments and arrangements for all internal and external assessment. To get a copy of the QCAA Confidential Medical Report and Student Statement for an AARA application please contact us.

Subjects Choices

Compulsory subjects

Compulsory subjects are studied for one full year

English



Mathematics

Science

Religion & Ethics

Short Course in Career Education

1

YOUR FOUNDATIONAL SUBJECTS

MyPoP Pathway
Your Personalised Career Pathway

Subjects Choices

Elective options

Key Learning Area	Electives
The Arts	Arts in Practice Music Visual Art
Languages	Spanish
Science	Aero Space Forensics Science Marine Biology Psychology
Technology	Design Technology Engineering Technologies Food Technology
HASS - Humanities and Social Sciences	Geography Modern History
Business	Business Legal Studies
Health and Physical Education	Physical Education

Students **choose 6 electives**, studying each elective for one full semester

Subjects Choices

Choosing your subjects

Choose subjects:	Don't choose subjects because:
You believe you will enjoy	Another person says they are good or bad
You expect to perform well in	Your friends are, or are not, taking them
Assist you in your further study	You like or dislike a teacher
Give you skills, knowledge and attitudes useful to you in life	You think it is only for boys or girls
Match you interests	You think it will give you a better ATAR

Subjects Choices

The selection process

Please note:

The timetable seeks to maximise student choices, however, some subjects will be conditional on student demand and College factors. If study options are changed, students and parents will be notified by the College.

Short courses are suited to those interested in pathways that lead to vocational education and establish a basis for further employment and education.

Changing subjects

Please note:

1. Select subjects carefully – they must be studied for a semester to accurately experience the subject .
2. Occasionally, it may be necessary to adjust a student's academic program.
3. There is often very limited choice when changing subjects. Not all subjects will be available.
4. Each request for a subject change is carefully considered in consultation with the Curriculum Leader, the Director of Teaching and Learning and the Head of Senior Campus.

Preparing for Years 11 & 12

MyPoP Pathway

MyPoP Pathway is the College's program to help you achieve your career goals and aspirations. It creates opportunities to help you take the first steps towards your career while still studying at school in Years 11 & 12. It does this by enabling you to choose subjects and courses that will be useful as foundational subjects for more specific subjects further on in your career and/or by developing skills your future employer will value. It does this by pulling from a wide variety of learning resources including:

- General and Extension Subjects,
- Applied Subjects
- Short Courses
- University Subjects
- Certificate and Diploma Courses (Vocational Education and Training courses)
- School based traineeships and apprenticeships

MyPoP Pathways Guide

Your career aspirations provide the foundation for creating your own personalised MyPoP Pathway. The Pathways Framework below then provides a guide for how you can tailor your own pathway dependent upon the study requirements for your chosen career or field of interest. For example, does your chosen career require a university qualification, a TAFE qualification, or a block of training in association with on-the-job training often found in traineeships and apprenticeships?

Below are examples of possible subject combinations:

1	General Subjects	Extension Subjects	Applied Subjects	University Subjects
2	General Subjects	EApplied Subjects	Certificate Courses (VET)	Diploma Subjects
3	General Subjects	Applied Subjects	Certificate Courses (VET)	School Based Traineeship s & Apprenticeships
4	Applied Subjects	Short Courses	Certificate Courses	School Based Traineeship s & Apprenticeships

Preparing for Years 11 & 12

Creating your unique pathway

General, Extension and Applied Subjects

The College's full range of subjects are listed in this handbook.

University Subjects - Headstart University Studies

Students can choose one subject currently being taught at a university to study from a selection of pre-approved universities. The result from this subject can count towards entry into specific university courses and can contribute to the student's ATAR points.

Certificate and Diploma Courses - Vocational Education & Training Courses

Business Pathway	Business Services Business
Christian Ministry Pathway	Christian Ministry and Theology Youth Worker
Community Services Pathway	Justice Services Early Childhood Education and Care Aged Care Animal Care Active Volunteering
Entertainment Pathway	Film TV and Media Community Theatre Dance Events
Health & Sport Pathway	Health Support Services Fitness Sport Coaching High Performing Athletes Outdoor Education

Preparing for Years 11 & 12

Certificate and Diploma Courses - Vocational Education & Training Courses	
Technologies Pathway	Business Services Business
Christian Ministry Pathway	Christian Ministry and Theology Youth Worker
Community Services Pathway	Digital Technologies Information & Communication Technology Engineering Aviation Hospitality and Tourism Electrotechnology
Entertainment Pathway	Film TV and Media Community Theatre Dance Events
Taster Day Experiences	Students try a trade or VET pathway experience designed by our Careers Coordinator.
Trade Pathway	Hairdressing Beauty Carpentry Construction Plumbing Services Electrician Automotive Landscaping Workplace Practices and Skills

Curriculum Leaders

& Specialist Teachers

Areas of Interest	Leader or Teacher	Subjects
Mathematics	**Ashoo Rajput** arajput@ princeofpeace.qld.edu.au	Mathematical Methods General Mathematics Numeracy Short Course (Course available Semester 2 only)
Science	**Ashoo Rajput** arajput@ princeofpeace.qld.edu.au	Aero Skills Studies Forensics Science Marine Biology Psychology
English & Languages	**Danielle Moore** dmoore@ princeofpeace.qld.edu.au	English Spanish
The Arts	**Linda Brady** lbrady@ princeofpeace.qld.edu.au	Music Visual Art
HASS - Humanities & Social Sciences	**Katrina Voss** kvoss@ princeofpeace.qld.edu.au	Geography Modern History
Business	**Katrina Voss** kvoss@ princeofpeace.qld.edu.au	Business Legal Studies
Health and Physical Education	**Casey Veentjer** cveentjer@ princeofpeace.qld.edu.au	Physical Education
Technology	**Michael Gauldie** mgauldie@ princeofpeace.qld.edu.au	Design Technologies Engineering Technology Food Technology
Christian Studies	**Sharon Grimes** sgrimes@ princeofpeace.qld.edu.au	Religion & Ethics
Careers Education	**Julie Grosas** jgrosas@ princeofpeace.qld.edu.au	Career Education

Subjects

Designed to inspire,
engage and challenge.

Kick-start your Career Pathway here.

Year 10 is your chance to start exploring what excites you, discover new passions, and try out subjects that could shape your life after school. Think of it as the start of your personal adventure—where you choose the paths that inspire you most.

Explore what excited you

Investigate new subjects, ideas, and experiences.

Discover your passions

Explore what inspires love and areas where you excel.

Shape your future

Start building the skills and pathways for life after school.

> The best way to predict the future is to create it.
>
> Peter Drucker

> Dream big and dare to fail.
>
> Norman Vaughan

PoP PATHWAYS

PRINCE of PEACE LUTHERAN COLLEGE

English

What is English?

The focus of English is the study of language and texts. Year 10 English allows students to be Text Users and Producers. As Text Users, students focus on making meaning through listening, reading and viewing texts. As Text Producers they learn to convey meaning through speaking, writing and designing. Through this process, students develop their understanding of English and how to use it appropriately, accurately and effectively for a variety of purposes and different audiences.

Year 10 English requires students to understand and use genre patterns appropriately, select and sequence subject matter and interpret and manipulate roles and relationships with the audience for a variety of contexts. Students also need to use and control a range of textual features, (cohesive devices, spelling, range of vocabulary, verbal and non-verbal features).

What will I study?

There will be a range of texts that students read, view and listen to. Texts will encompass traditional and contemporary works, including:

- Novels and poetry
- Scripted drama and film
- Reflective texts such as biographies,
- autobiographies, and journals
- Popular culture, media, and multimodal works
- Spoken and written everyday texts of work, family, and community life
- Indigenous and non-indigenous texts

Career Pathways

- Teacher (with further study)
- Marketing
- Communications Officer
- Police Officer
- Criminologist
- Public Relations Specialist

Skills Developed

- Clear and effective communication
- Essay writing and structured argument
- Text analysis and interpretation
- Speaking and presentation skills
- Critical thinking & problem-solving

Workload and Assessment

Students learn by working with language and texts. Learning experiences in English are designed to cater for the diverse range of learning styles, interests and abilities of students.

Assessment in Year 10 English is evaluated in three modes:

- Listening, speaking and creating
- Reading and viewing
- Writing and creating

Assessment tasks mirror Year 11 and 12 General English requirements:

- 4 assessment pieces
- 3 written, 1 spoken
- 1 pre-seen, supervised, imaginative assessment
- 1 un-seen, analytical exam.

Duration One Year

Compulsory

Spanish

What is Spanish?

Studies have concluded that Spanish is one of the easiest languages to learn for English speakers. It is also one of the most important and widely used languages on a global level. Today, more people speak Spanish than English as their first language. It is the official language of 21 countries in three continents; is the second language of the United States; and is one of the official languages of the United Nations.

Spanish is an important community language in Australia and has been identified as one of the Key National Languages. Knowledge of, and confidence in, the linguistic patterns and grammatical systems of a foreign language can be of immense benefit to a student's understanding of English, and can assist greatly with a student's overall literacy.

In the globalised world of the 21st Century, employers are expecting that employees will have knowledge of other languages and cultures. Hence, the study of Spanish provides students with wider opportunities in areas such as commerce, hospitality, education, marketing, tourism and international relations.

The emphasis in learning any language is to communicate in a multi-cultural society, and to appreciate aspects of other cultures as well as our own. The use and comprehension of the language will be both written and oral within a wide range of genre in realistic situations, covering a variety of topics.

Duration One Semester

Workload and Assessment

Over the course of the Spanish program, students can expect to be assessed in the core skills of Listening, Reading, Writing and Speaking.

Topic 1—Visitando Lugares Interesante: Visiting Interesting Places (6 weeks)

Students will learn to describe tourist destinations, what and where they are, and use adjectival phrases to describe place and use modal verbs They will learn to translate between Indonesian and English and understand that some Spanish idioms and expressions cannot be translated literally.

Topic 2—Animales en Peligro de Extinción: Endangered animals (7 weeks)

Students will explore endangered animals in both Spain and Australia, examining the factors that contribute to species endangerment. These include habitat loss, ecological disruption, poaching, environmental degradation, climate change, and human economic activity. They will also reflect on the principle of cause and effect, considering how these factors can lead to environmental damage and climate shifts that threaten the habitats of native species—sometimes resulting in extinction.

Elective

Spanish

Topic 3—Trabajos significativos:
Meaningful jobs
(6 weeks)

Students will learn to express their dreams, aspirations, interests, and hobbies, and explore the reasons behind their career goals. They will investigate various professions in both Spain and Australia, considering how these roles contribute to society and the economy.

Career Pathways

- Interpreter / Translator
- Diplomat / Embassy or Consular Staff
- International Aid / NGO Officer
- Spanish Teacher / Language Tutor
- Cultural Exchange Program Coordinator

Skills Developed

- Spoken and written communication in Spanish
- Cross-cultural communication
- Global awareness and cultural empathy
- Listening and memory skills
- Adaptability in diverse environments

Duration One Semester

Elective

General Mathematics

Overview

The Year 10 course has a set of three choices that allow students to work at the best speed and the right level for them:

- Mathematical Methods
- General Mathematics
- Essential Mathematics

By Year 10 students usually have a strong understanding of their relative strengths and weaknesses, and are able to reflect on the role that mathematics is likely to have on their journey through Years 11 and 12.

What is Year 10 Mathematics?

Mathematics is a unique and powerful way of viewing the world to investigate patterns, order, generality and uncertainty. Mathematics helps people make meaning of their life experiences through the use of universally accepted patterns and, at the same time, to apply these patterns to interpret new situations in the real world.

Mathematics is an integral part of a general education. It can enhance understanding of our world and the quality of our participation in a rapidly changing society. Mathematics pervades so many aspects of daily life that a sound knowledge is essential for informed citizenship. Through enhanced understanding of mathematics, people can become better informed socially, economically, and politically in an increasingly mathematically oriented society.

Duration One Year or one Semester

What is General Mathematics

The 10 General Maths course is intended for students who are sometimes able to work on the more advanced topics, but generally prefer to work a little slower, and will rely less on advanced algebra and trigonometry to solve problems.

The aim of 10 General Maths is to prepare students for the Year 11/12 General Maths course. The speed at which new topics are introduced gives students a little bit more time to consolidate their new skills before moving onto the next idea. This extra time does provide some opportunity for students to make up gaps in their skills from previous years.

Classroom Work

The emphasis in these lessons is on working with students to acquire, apply and understand skills. Some of the skills are highly procedural and need to be practices frequently. Other skills are less procedural and are acquired over time through ongoing exposure to problem solving strategies.

Maths Option

General Mathematics

Open Plan Lessons

Within the timetable, some lessons will be dedicated to students taking specific responsibility for the work they do. Exercising their independence, they are guided to work on tasks of their own choosing, at a level that is challenging but not overwhelming. They may choose to collaborate with class-mates in the completion of tasks. Throughout these open plan lessons, the classroom teacher continues to coach the students in their problem solving approach, to provide a level of direct teaching through small group lessons, and to provide timely and effective feedback.

What will I study?

Mathematics and Numeracy

Mathematics across all years of schooling focuses on students' development of knowledge and ways of working in a range of situations from real life to the purely mathematical.

Numeracy refers to the confident use of mathematical knowledge and problem-solving skills not only in the mathematics classroom, but across the school curriculum and in everyday life, work or further learning.

While numeracy is developed across the school curriculum, mathematics and numeracy are clearly interrelated and thus it is the responsibility of the mathematics curriculum to introduce and develop the mathematics which underpins numeracy.

To make the most of the teaching and learning opportunities provided in Mathematics, students must be aware of this relationship between their learning Mathematics and their numeracy development.

In the Year 10 Mathematics learning area, the concepts described in knowledge and understanding, together with the ways of working, provide mathematical understandings and skills to help students identify and undertake pathways for their senior education and to engage with mathematical ideas in their everyday life, which is essential for active and critical citizenship.

Workload and Assessment

In Year 10 Mathematics, students undertake 7 x 50 minute lessons per fortnight. Students are expected to undertake a minimum of 20-30 minutes of mathematics homework or revision each night. If specific homework tasks are not assigned, students are to use this time to revise problems and concepts covered in class. Students will undertake tests and assignments throughout the year at the culmination of specified units.

By Year 10, students will be expected to sit an exam of up to 1½ hours duration.

Students will also be introduced to formal maths assignments that follow the model prescribed by QCAA for all Year 11 and 12 Maths assignments.

Duration One Year or one Semester

Maths Option

General Mathematics

Workload and Assessments cont.

These assignments are called Problem Solving and Modelling Tasks (PSMT's), and have a structure to them that students first formally experience in Year 10. Students are required to Formulate, Solve, Evaluate and Communicate across a number of topic areas to complete these tasks.

Career Pathways

- Police Officer
- Primary School or Early Childhood Teacher
- Bank Teller / Financial Services Assistant
- Data Entry Officer

Skills Developed

- Financial maths (e.g. budgeting, loans)
- Statistics and data analysis
- Measurement and geometry
- Problem-solving and logical reasoning
- Planning and interpreting practical problems

Choice

Students study one of two maths courses in Semester One of Year 10:

- Mathematical Methods
- General Mathematics.

Duration One Year or one Semester

Maths Option

Mathematical Methods

Overview

The Year 10 course has a set of three choices that allow students to work at the best speed and the right level for them:

- Mathematical Methods
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- Essential Mathematics

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What is Mathematical Methods?

The 10 Maths Methods course is intended for students who are consistently working on the more advanced topics.

The aim of Year 10 Maths Methods is to prepare students for the Year 11/12 Maths Methods course. The speed at which the course moves, and relative complexity of the subject material, makes it very difficult for students to make up gaps in their skills from previous years. The course covers advanced application of skills in the areas of algebra and trigonometry, preparing students to study calculus in Year 11 and 12.

Classroom Work

The emphasis in these lessons is on working with students to acquire, apply and understand skills. Some of the skills are highly procedural and need to be practices frequently. Other skills are less procedural and are acquired over time through ongoing exposure to problem solving strategies.

Duration One Year or one Semester

Maths Option

Mathematical Methods

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Duration One Year or one Semester

Maths Option

Mathematical Methods

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Career Pathways

- Civil Engineer
- Electrical Engineer
- Mechanical Engineer
- Software Developer
- IT Specialist
- Physicist
- Data Analyst
- Mathematics Teacher (with further study)

Skills Developed

- Algebra and calculus for modelling change
- Probability and statistics for interpreting data
- Analytical problem-solving
- Logical reasoning and abstract thinking
- Mathematical modelling of real-world systems

Organisation

Mathematical Methods focuses mainly on algebra and trigonometry.

Duration One Year or one Semester

Maths Option

General Science

What is Science?

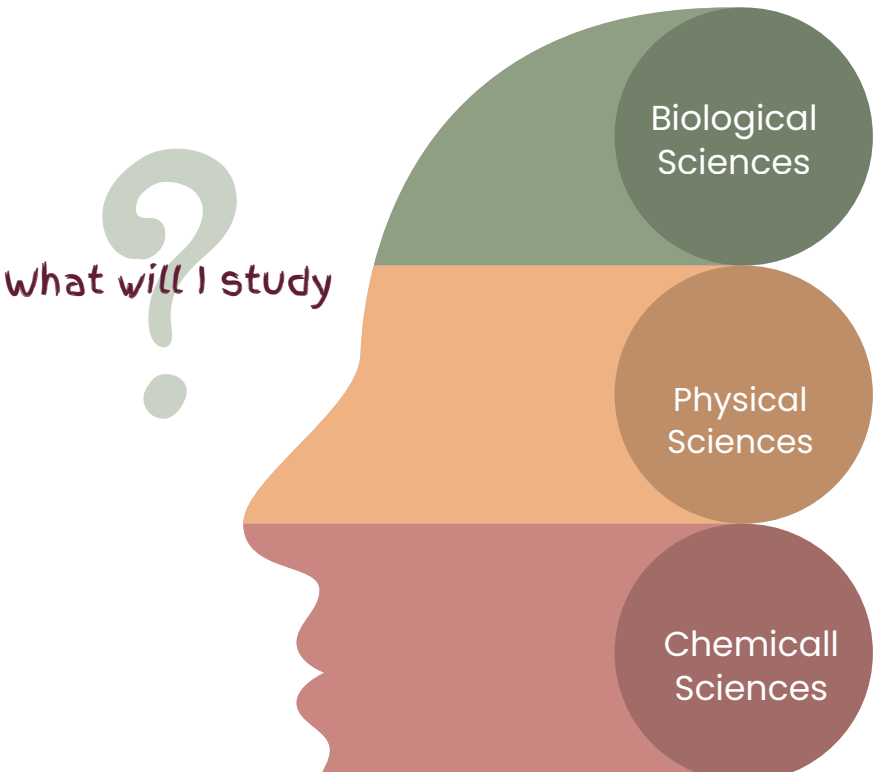
Students today will be the shapers of our society in the years to come. As voters they will decide our society's response to a range of issues such as the ethics of stem cell research, Australia's response to climate change and the medical use of gene technology. An understanding of the science concepts behind these issues is important to making informed decisions. Even more so is the ability to determine the accuracy of claims and statements about areas of concern.

In Year 10 Science students explore the science behind contentious issues such as genetic manipulation, road safety rules and materials manufacturing.

They will be asked to consider the ethics involved, short term and long term impacts and their own personal view as they evaluate possible responses to each issue.

Assessment

The assessment program will include a variety of techniques which are integrated within the learning experiences. Achievement in this course will be based on the information about student performance on the dimensions of Science Understanding (SU) and Science Skills (SS). Assessment for this unit will consist of a portfolio of in class tasks including Student Research Tasks and Student Experimental Investigations, with a Supervised Assessment at the end of each semester on the topics studied.



Where did I get that?

- Why do things like eye colour, asthma and hair colour run in my family?
- How did the diversity of living things on the planet come to be?

Speeding to a halt!

- What happens to cars in a car crash?
- How are today's cars safer than past cars?
- Does speed make a difference in fatalities?

Deciphering the elements!

- How elements combine in nature?
- New materials for phones, medicine etc. all start the with the Periodic Table.

Duration One Year

Compulsory

General Science

Career Pathways

Year 10 Science is a foundational subject – it sets you up for specialised Year 11 and 12 subjects like Biology, Chemistry, Physics and Psychology, and then for post-school pathways. Career options include:

Health & Medicine

- Doctor, Nurse, Physiotherapist, Radiographer, Medical Researcher
- Engineering (Civil, Mechanical, Electrical, Environmental, & Chemical Engineer

Environmental Science

- Ecologist, Marine Biologist, Conservation Officer

Physical Sciences

- Astronomer, Geologist, Meteorologist, Physicist, Chemist

Technology

- Data Analyst, Lab Technician, AI & Robotics Developer

Applied & Vocational Careers

- Laboratory Assistant
- Science Technician
- Renewable Energy Installer
- Agricultural Technician
- Quality Control Officer

Indirect Science Careers (science + another skill)

- Science Communication & Journalism
- Policy & Regulation in Environment, Health, or Energy
- Education & Outreach
- Patent & Intellectual Property Law (for scientific inventions etc)

Duration One Year

Skills Developed

Studying Year 10 General Science builds transferable skills valued in both STEM and non-STEM careers.

Scientific & Analytical Skills

- Designing and conducting experiments
- Analysing data using graphs, tables, and statistics
- Identifying variables and controlling experiments
- Applying scientific models and theories

Critical Thinking & Problem-Solving

- Evaluating evidence and drawing logical conclusions
- Recognising bias or errors in data
- Applying scientific principles to real-world situations

Communication Skills

- Writing scientific reports
- Presenting findings clearly to different audiences
- Using correct scientific terminology

Digital & Numeracy Skills

- Using technology for simulations, modelling, and data analysis
- Measuring with precision
- Performing calculations with units and conversions

Collaboration & Project Skills

- Working in teams during practical work
- Managing time and resources
- Sharing roles and responsibilities

Compulsory

Forensics Science

Term Theme:
Science of solving crimes

What is Forensics Science?

Forensic science is the application of scientific principles and techniques to investigate crimes, resolve legal disputes, and uncover the truth in both criminal and civil cases. It involves the careful collection, preservation, and analysis of physical and digital evidence such as fingerprints, DNA, bloodstains, fibres, ballistic markings, toxic substances, and electronic records to identify people, reconstruct events, and establish timelines.

Forensic scientists may work in specialised areas like forensic biology, chemistry, toxicology, ballistics, entomology, or digital forensics, each requiring specific technical expertise and equipment, from high-powered microscopes to advanced DNA sequencing technologies. Their work must follow strict protocols to ensure evidence is admissible, and findings must be presented clearly and accurately, often through expert testimony.

By combining rigorous scientific methods with investigative reasoning, forensic science bridges the gap between science and the law, helping ensure that justice is informed by objective, verifiable facts.

Overview

This unit introduces students to the chemistry principles and analytical techniques used by forensic scientists to identify and compare evidence in criminal investigations. Through a mix of theory, laboratory experiments, and case study analysis, students will explore how substances are detected, separated, and analysed to solve mysteries.

The focus will be on building skills in observation, measurement, chemical testing, and interpreting results within a forensic context. Students will engage in practical work such as chromatography, flame tests, pH and solubility testing, analysis of unknown powders and liquids, and fingerprint development using chemical reagents. They will also learn about the importance of accuracy, reliability, chain of custody, and how scientific evidence is presented in legal settings.

The unit culminates in a simulated "crime scene investigation" where students apply their chemical analysis skills to identify a suspect from mock evidence.

Duration One Term

Elective

Forensics Science

Assessment - Skill Set focus on Research Investigation

Students will conduct in-depth research using at least three credible scientific sources, including peer-reviewed articles, forensic science text books, and reputable websites, to explore the chemical principles underlying the technique (such as reaction types, solubility, chromatography, spectroscopy, luminescence, or acid–base chemistry).

Students will critically analyse and evaluate experimental findings from their sources, considering factors such as accuracy, reliability, sensitivity, specificity, and potential sources of error, as well as ethical and practical constraints in forensic applications. Their findings will be compiled into a clear, logically structured scientific report that includes an introduction to the claim and its forensic context, an explanation of the relevant chemistry, an evidence-based discussion, and a conclusion that directly addresses the validity of the claim.

Correct use of scientific terminology, appropriate referencing (APA or Harvard), and adherence to scientific communication conventions will be essential.

Workload

The Forensic Science Chemistry unit is designed to balance theoretical learning with practical and research-based activities over 10 weeks. Students will spend approximately 4 to 5 lessons engaged in laboratory experiments such as chromatography, flame tests, and chemical analysis of unknown substances, developing hands-on skills and scientific techniques. The research and report writing component, where students investigate chemical principles behind forensic techniques using credible scientific sources, will take about 5 to 6 lessons, including in-class research, critical analysis, and writing.

Outside of class, students are expected to dedicate around 3 lessons to homework tasks like source evaluation, report drafting, and preparation for practical assessments.

This workload encourages the development of scientific inquiry, data interpretation, critical thinking, and effective scientific communication within a forensic context.

Duration One Term

Elective

Forensics Science

What is Forensics Science?

Forensic Chemist
- Analyses unknown substances such as drugs, poisons, and explosives in crime labs

Crime Scene Investigator (CSI)
- Collects and preserves chemical evidence like trace powders, residues, and biological samples

Toxicologist
- Detects and measures chemicals, toxins, and drugs in the human body to assist in criminal and medical investigations

Forensic Document Examiner
- Uses chemical and physical tests to analyse inks, paper, and document alterations

Analytical Chemist
- Identifies and quantifies chemical substances in research, industry, and forensic labs

Materials Scientist
- Investigates chemical composition of materials for industrial applications and criminal evidence

Quality Control/Assurance Officer
- Applies chemical testing to ensure products and substances meet safety and legal standards

Environmental Chemist
- Analyses soil, water, and air samples for pollutants, often relevant in environmental crime cases

Skills Developed

- Safe and precise use of laboratory equipment and chemicals
- Designing and conducting fair tests with controlled variables
- Performing qualitative and quantitative chemical analyses
- Recording, analysing, and interpreting experimental data
- Linking chemical properties to forensic applications
- Communicating scientific findings in reports and presentations

Duration One Term

Elective

Aero Space

Term Theme:
Physics of Flight: Forces, Motion, and Aerodynamics

What is Aero Space?

The Aero Space elective is designed to introduce Year 10 students to the scientific, technical, and practical foundations of the aviation and aerospace industries. Students will explore key concepts in aerodynamics, aircraft systems, flight physics, and aerospace technologies, while developing inquiry and problem-solving skills through hands-on experiments, simulations, and design challenges.

What is Aero Space?

This unit on Aero Space focuses on applying physics concepts to understand and explain the principles of flight and aircraft performance. Students will explore key physics topics such as forces and motion, Newton's laws, pressure and fluid dynamics, and energy transformations as they relate to aerodynamics, lift, drag, thrust, and weight. Through theoretical study and practical investigations, students will analyse how changes in variables like airspeed, wing shape, and angle of attack affect an aircraft's motion and stability. The unit develops skills in measurement, data analysis, and problem-solving by linking physics principles to real-world aviation scenarios, helping students build a strong foundation in the science behind flight and aircraft control.

Duration One Term

Assessment - Skill Set focus on Student Experiment

In this practical assessment, students will investigate how Newton's laws of motion explain the forces acting on an aircraft during flight. Through a hands-on experiment, students will analyze the relationship between applied forces (such as thrust and drag) and the resulting motion (acceleration, velocity) using a simplified model such as a glider, paper airplane, or dynamics trolley with adjustable force. They will design and conduct an experiment to measure how varying force inputs affect motion, record and analyze data, and draw conclusions about the application of Newton's First and Second Laws in flight dynamics. The task develops skills in experimental design, quantitative data analysis, and applying physics concepts to real-world aviation scenarios.

Practical Application

In addition to individual assessments, you will be expected to demonstrate your ability to apply the theoretical knowledge you've gained to real-world aerospace problems.

Elective

Aero Space

Workload and Assessment

The Aero Space unit is structured to provide a balanced mix of theoretical learning and practical experimentation over 10 weeks. Students will spend about 4 to 5 lessons engaging in hands-on experiments, simulations, and design challenges that explore key physics concepts related to flight. The practical assessment, focused on Newton's laws of motion, will take place over 2 to 3 lessons where students design and conduct their own experiments, collect data, and analyze results.

Outside of class, students are expected to spend around 3 lessons on homework tasks, including research, data interpretation, and preparation for their experiments. This workload supports the development of scientific inquiry, problem-solving, and data analysis skills while maintaining manageable pacing throughout the term.

Career Pathway

- Aerospace Engineer
- Pilot
- Flight Operations Officer
- Aircraft Maintenance Technician
- Air Traffic Controller
- Aviation Safety Officer
- Aerodynamics Researcher
- Mechanical Engineer (with aviation focus)
- Aviation Technologist or Technician
- Aeronautical Scientist or Technician

Duration One Term

Skills Developed

- Applying Newton's laws to analyze forces and motion in flight
- Understanding and measuring lift, drag, thrust, and weight
- Conducting experiments related to aerodynamics and fluid dynamics
- Collecting, analyzing, and interpreting physics data
- Problem-solving in real-world aviation scenarios
- Using scientific tools and technology relevant to aviation physics
- Enhancing critical thinking about aircraft performance and stability

Elective

Marine Biology (Science)

Term Theme:
Life Below the Surface

What is Aero Skills?

Marine Biology is the study of life in the oceans and other saltwater environments. It focuses on the organisms that live in marine ecosystems—from tiny plankton to large whales—and how they interact with each other and their environment. Marine biologists explore topics such as biodiversity, food webs, adaptations, and the effects of human activity like pollution and climate change on ocean life. This field helps us understand the importance of healthy oceans for the planet's ecosystems and for human survival.

What would I study?

In this 10-week Marine Biology elective unit, you will explore the rich diversity of marine life and the complex ecosystems that support it. You will study fundamental biological concepts such as cell structure, classification, physiology, and reproduction of marine organisms, alongside their unique adaptations to thrive in various ocean environments. The unit will examine how marine species interact within food webs and how environmental factors like salinity, temperature, pollution, ocean acidification, and rising sea temperatures affect these delicate ecosystems.

You will conduct hands-on experiments to test environmental conditions such as pH and salinity and analyze real-world data to understand the impact of human activities on marine biodiversity. Additionally, you will critically evaluate environmental claims, investigate current marine issues, and explore sustainable solutions aimed at conserving marine habitats. Throughout the unit, you will develop strong skills in scientific inquiry, data collection and interpretation, research methodologies, and effective communication, preparing you to understand and address the challenges facing our oceans today.

Assessment - Skill set focus on Data Test and Field Work

In this assessment, students will complete a data test designed to evaluate their understanding of key concepts covered in the Marine Biology elective unit. The test will present students with a variety of data sets related to marine organisms and ecosystems for example, species population numbers, salinity and temperature measurements, or rates of photosynthesis in marine plants. Students will be required to interpret graphs, tables, and experimental results, analyse trends and patterns, and answer questions that demonstrate their ability to apply biological principles such as adaptation, ecosystem interactions, and environmental impact.

Duration One Term

Elective

Marine Biology (Science)

Assessment continued

This assessment will test skills in data interpretation, critical thinking, and the application of marine biology knowledge to real-world contexts.

Workload

This 10-week Marine Biology elective unit is designed to balance in-class learning with independent study. Students will spend approximately 3 to 4 lessons completing hands-on experiments, data collection, and fieldwork activities related to marine environments. The data test will be conducted over 2 to 3 lessons, where students interpret and analyse real-world marine biology data sets. Outside of class, students should expect to spend about 3 to 4 lessons worth of time on homework, including research, data analysis, and preparation for assessments. This workload allows students to develop practical scientific skills and deepen their understanding of marine ecosystems while managing their time effectively.

Career Pathway

- Marine Biologist
- Biologist (various specialisations)
- Microbiologist
- Science Educator / Teacher
- Marine Ecologist
- Marine Conservation Officer
- Fisheries Scientist / Manager
- Aquarium Curator / Aquarist
- Marine Biotechnology Researcher

Skills Developed

- Understanding of marine ecosystems and biological diversity
- Practical skills in data collection, observation, and scientific investigation
- Interpreting and analysing biological data, graphs, and experimental results
- Applying scientific methods to study environmental impacts on marine life
- Critical thinking and problem-solving in ecological and conservation contexts
- Communication skills for presenting scientific information clearly
- Collaboration and teamwork through group research projects
- Awareness of sustainability and conservation issues affecting marine environments

Duration One Term

Elective

Psychology (Science)

Term Theme:
Unlocking the Mind:
Behaviour, Thought & Emotion

What is Psychology?

Psychology is the scientific study of the mind and behavior, exploring how people think, feel, and act in various situations. This elective introduces students to fundamental psychological concepts including perception, learning, memory, personality, development, and mental health.

Students will investigate how biological, social, and environmental factors influence behavior, emotions, and decision-making. Through practical activities, experiments, and research, they will develop skills in observation, critical thinking, and communication, gaining a deeper understanding of human behavior and mental processes that apply to everyday life and future studies.

What would I study?

In this 10-week Psychology elective unit, students will explore key concepts related to human behavior and mental processes. The unit covers topics such as perception, learning, memory, emotions, personality, development, and mental health. Students will engage in practical activities, case studies, and simple experiments to understand how biological, psychological, and social factors influence behavior and decision-making.

They will develop skills in scientific inquiry, data collection, analysis, and critical thinking, while applying psychological theories to real-life situations. The unit also encourages reflection on personal and social wellbeing, promoting awareness of mental health issues and strategies for coping and resilience.

Assessment - Skill set focus on Data Test and Research

Data Test

Students will analyze and interpret various psychological data sets related to concepts such as perception, learning, memory, or emotions. They will be required to read graphs, tables, and experiment results, identify trends, and answer questions that assess their understanding of how psychological factors influence behavior. This section tests students' abilities in data analysis, scientific reasoning, and application of theory to practical scenarios.

Portfolio of Case Studies / Research

Students will compile a portfolio of case studies exploring real-life examples of human behavior and personality. Through research and reflection, they will examine the biological, environmental, and social influences that shape individual differences. This section encourages critical thinking and personal insight, as students connect psychological theories to everyday life and consider why people behave the way they do.

Duration One Term

Elective

Psychology (Science)

Assessment continued

This assessment will test skills in data interpretation, critical thinking, and the application of marine biology knowledge to real-world contexts.

Workload

The workload is designed to fit within the school timetable while allowing time for independent study. The data test will be completed over 2 to 3 lessons during class time, with minimal homework required for review or preparation, roughly 1 hour.

The portfolio of case studies will span 6 to 8 lessons, including in-class research and writing activities, supplemented by about 3 to 4 hours of homework outside of class for additional research, reflection, and editing. This balance ensures students can manage their workload effectively while developing a deep understanding of psychological concepts.

Career Pathway

- Clinical Psychologist
- Counseling Psychologist
- Child Psychologist
- Mental Health Counselor
- Neuropsychologist
- Researcher in Psychology or Neuroscience
- Psychotherapist or Behavioral Therapist

Skills Developed

- Understanding human behaviour and mental processes
- Conducting basic psychological research and experiments
- Collecting, interpreting, and analyzing data
- Critical thinking and problem-solving
- Reflecting on personal and social wellbeing
- Empathy and awareness of mental health issues
- Scientific inquiry and ethical considerations in psychology

Duration One Term

Elective

Arts in Practice

What is Arts in Practice?

The arts are woven into the fabric of community. They have the capacity to engage and inspire students, enriching their lives, stimulating curiosity and imagination, and encouraging them to reach their creative and expressive potential. Arts subjects provide opportunities for students to learn problem-solving processes, design and create art, and use multiple literacies to communicate intention with diverse audiences.

What will I study?

Arts in Practice students embrace studies in and across the visual, performing and media arts – dance, drama, media arts, music, and visual arts. These disciplines, though distinct, are often integrated in authentic, contemporary art-making.

In this subject, you will plan and make arts works for a range of purposes and contexts, and respond to the work created by yourselves, your peers and where possible industry professionals.

Upon completion, you'll be able to demonstrate the following objectives:

USE

Use techniques, skills, technologies and/or media

PLAN

Plan arts works in
- local, state, national or global contexts and purposes
- cultural contexts and reflecting community identity
- response to a brief (conditions etc.)

COMMUNICATE

Communicate ideas in arts works that
- comments on civic, political and/or social issues.
- celebrates a a community event etc.
- meets client needs and/or specified conditions.

EVALUATE

Evaluate arts works in relation to specific contexts and purposes.

Duration One Semester

Elective

Arts in Practice

Workload and Assessment

You will be learning by working with others. There will be flexibility and individual choice woven into the learning and assessment of this subject. You will learn to respond to current issues to create and present art works that comment on an issue.

Assessment in Year 10 is evaluated into two modes:

Individual Project

- Students plan, make and evaluate an art work, demonstrating at least two arts disciplines.

Performance or Product:

- Students make an art work either individually or collaboratively, demonstrating at least two arts disciplines.

Assessment tasks mirror Year 11 and 12 Arts in Practice requirements. This subject is ideal for students not electing to pursue an ATAR pathway, who have experience or interest in some aspect of the arts either inside or outside of the classroom. Students who dance, play in an ensemble or contribute to PoP Productions would be ideally placed for this course.

It is important to note that ALL of the assessments require students to engage in TWO or more of the arts disciplines, something which creates a unique and appealing alternative. Also, students can craft individual tasks to overlap with activities they are already engaged in both at school and in the broader community.

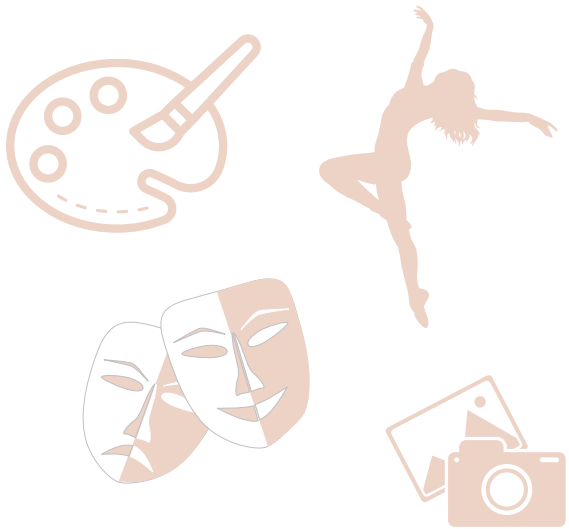
Duration One Semester

Career Pathway

- Visual Artist (painter, designer, illustrator)
- Media Creator (photographer, videographer, content
- creator)
- Event or Festival Assistant
- Community Arts Worker
- Creative Freelancer or Entrepreneur

Skills Developed

- Creative thinking and problem-solving
- Collaboration and teamwork
- Communication across art forms
- Project planning and evaluation
- Cultural and community awareness
- Using media, technology, and art techniques



Elective

Music

What is Music?

Music, along with language is the most important form of communication we have as humans. It sharpens your memory, provides you with creative outlet, music teaches discipline and strengthens your mind overall, it fosters teamwork and is available to novices and experts alike.

What will I study?

Year 10 Music allows students freedom to express themselves through the medium of composition and performance. The course exposes students to a wide range of popular music styles and using ideas from these and digital software, students craft original POP songs. They use specific recording equipment to include their own performances in these compositions so that the final outcome is a product of their creative initiatives in both performance and composition.

The Year 10 Music course offers a powerful learning forum with real-world outcomes. Students gain knowledge and experience in the function and use the elements of music to support future study, through learning which is authentic and personally relevant. There is opportunity to approach the task individually or collaboratively but either way the students bond over shared experience in the crafting of their music.

Workload Assessment

Creating and Making / Presenting and Performing

Students compose an Original Popular Song using a song that they know as a model. They create music using digital technology and include recordings of their own recorded tracks, made specifically for this task. In this way the task is an integrated project.

Exploring and Responding

This assessment invites students to investigate music of their choice, in order to develop a more detailed understanding of how music elements can be manipulated to communicate specific and nuanced meaning. The music literacy and use of terminology required for this task supports student preparation for future studies in this area or work in this field.

Suggested Prior Learning

Experience in the formal study of music through the classroom program or private study is required. This would include the capability and willingness to perform on an instrument of your choice (including voice).

Duration One Semester

Elective

Music

Career Pathways

- Musician
- Performer
- Composer
- Music Teacher (School or Private)
- Music Producer
- Music Director
- Music Conductor
- Songwriter
- Lyricist

Skills Developed

- Creativity and Artistic Expression
- Performance and Presentation Skills
- Collaboration and Teamwork
- Active Listening and Aural Discrimination
- Music Theory and Composition

Frequently Asked Questions

Can I study Year 10 Music if I did not do music in Year 9?

Yes. Students new to the course may experience some difficulty with aspects of this unit if they have not already completed some kind of formal music study. Outside school musical experiences such as private lesson tuition or theory exams often help students who have not studied music in Year 9 to feel more comfortable with this course of study. If you are unsure, please contact the Music teacher for further advice.

Do I need to perform in front of an audience?

No. Students perform informally in a recording context. Other students may or may not be present. These performances are purely audio files and are shared to the class during the drafting stages and possibly more broadly, with permission, once the compositions are finished.

Duration One Semester

Elective

Visual Art

What is Visual Art?

Visual art engages the right side of the brain, fostering higher-order thinking skills such as analysis, creativity, evaluation, and reflection. This engagement extends to other subjects, promoting broader cognitive development.

Recent international university studies suggest that studying visual art cultivates moral intelligence, enhancing ethical decision-making. Additionally, it offers self-awareness and enjoyment.

Various career paths encompass interior, graphic, industrial, fashion and digital design alongside opportunities in art education, film, photography, entertainment, architecture, fine arts and museums.

What will I study?

In Year 10 Visual Art, students work with a diverse range of media and techniques in 2D, 3D and digital technologies. There is a strong emphasis on fostering students' individual expression and personal aesthetic, a crucial aspect for their progression into Senior Visual Art.

Students delve into representations of power across cultural, historical and contemporary contexts in Visual Art. They explore the transformative influence of images to incite change through photography, street art and contemporary art forms. Through the use of their own original designs, students aim to draw attention to societal issues and injustices prevalent in the world.

Workload and Assessment

It is expected that in Year 10, students will commit a minimum of one hour per week outside of class time to their visual art course. All visual art students are required to keep a Visual Art Journal which includes class exercises; theory; documentation of processes and study of artists.

Assessment in Year 10 will generally be comprised of the following tasks:

- An extended writing task involving research and analysis of artists relevant to current study.
- A portfolio of work.
- Two major artworks.

Suggested Prior Learning

Studying Year 9 Visual Art provides a good foundation, but is not essential.

Duration One Semester

Elective

Visual Art

Career Pathways

- Visual Artist
- Painter
- Sculptor
- Illustrator
- Art Teacher / Educator
- Animator
- Art Therapist

Skills Developed

- Creativity and Original Thinking
- Visual Communication
- Technical Skills in Various Media (e.g., drawing, painting, sculpture)
- Observation and Interpretation
- Critical Thinking and Art Analysis

Duration One Semester

Elective

Geography

What is Geography?

Geography helps students understand the world by exploring the relationships between people, places and environments. It draws on both natural and social sciences to investigate how humans interact with their surroundings, and how these interactions shape the world.

Students learn to observe, interpret and evaluate geographic phenomena to make informed, ethical and sustainable decisions.

What will I study?

Students study two key units:

Environmental Change and Management:

- This unit explores how natural environments are altered by human activity and the strategies used to manage environmental change sustainably.

Geographies of Human Wellbeing:

- Students examine global, national and local variations in wellbeing and investigate causes of inequality, such as gender, income and access to education.

A field trip to Sandgate will support the development of geographic inquiry skills, including primary data collection and analysis. Students use digital and spatial technologies to interpret information and evaluate responses to geographical issues.

Workload and Assessment

Students complete a mix of practical and theoretical tasks, including class activities using primary and secondary data.

Assessment includes:

- Field Report based on the Sandgate investigation
- In-class examination responding to stimulus

Pathways

Geography supports further study in Humanities and STEM subjects. It builds skills in data analysis, critical thinking and problem-solving, which are valuable in fields such as environmental science, urban planning, sustainability, policy, and international development.

The world in focus

Duration One Semester

Elective

Geography

Career Pathways

- Urban Design
- Town Planner
- Architecture
- GIS Analyst
- Spatial Scientist
- Environmental Consultant
- Defence Intelligence Officer
- Geospatial Specialist
- Demographer
- Data Analyst
- Sustainability Officer
- Policy Advisor

Skills Developed

- Advanced spatial analysis and interpretation
- Critical evaluation of geographic data
- Independent research and investigative skills
- Sophisticated report writing and presentation
- Informed decision-making based on evidence

Duration One Semester

Elective

Modern History

What is Modern History?

Modern History explores the key events, ideas and movements that have shaped the modern world. Students examine how people, societies and institutions experienced change and continuity. History encourages critical thinking, inquiry and reflection by analysing evidence and perspectives. Students are empowered to investigate significant events and people, understand their impact on the present, and make connections to Australia's changing role in the global context.

What is Modern History?

This course focuses on two key depth studies:

World War II:

- Students investigate causes, significant events and outcomes of WWII, including Australia's involvement.
- Topics include the Holocaust, the use of the atomic bomb, Kokoda, and the bombing of Darwin.

Building Modern Australia:

- Students explore post-WWII migration to Australia, global conflict as a driver of migration, and shifts in government policy, including the abolition of the White Australia Policy.
- Students develop inquiry questions, evaluate sources, and explain historical causes and effects.

Workload and Assessment

Students engage in inquiry-based learning, develop timelines, analyse historical sources and construct evidence-based arguments.

Assessment includes:

- response to stimulus exam
- historical research essay

Pathway

Modern History supports further study in History, Legal Studies, Politics and English. It develops transferable skills in research, analysis, interpretation and communication useful for careers in education, law, journalism, public policy and international relations.

Duration One Semester

Elective

Modern History

Career Pathways

- Historian
- Researcher
- Archivist
- Curator
- Teacher
- Lecturer
- Journalist
- Media Analyst
- Policy Advisor
- Diplomatic Service
- Museum
- Heritage Manager

Skills Developed

- Critical analysis of sources
- Research and evaluation
- Justification of ideas and arguments
- Understanding historical contexts
- Effective written and oral communication

Duration One Semester

Elective

Business

What is Business?

Business is a dynamic and evolving field that influences every aspect of society—from individuals and communities to industries and governments. It responds to global, technological, economic and social change, and plays a key role in innovation, problem-solving and value creation. Studying Business equips students with the knowledge and skills to understand how decisions are made in the marketplace and how businesses operate, adapt and grow.

What will I study?

Students examine how businesses respond to opportunities and challenges in the contemporary world. They explore the ways in which consumer and financial decisions affect the broader economy and analyse how businesses operate through the lens of innovation, globalisation, and sustainability.

Key areas of study include:

- Factors that influence consumer and business decisions
- · Business planning and the development of innovative ideas
- The roles of marketing, finance, operations and human resources in business success
- The impact of global and digital environments on business strategy
- Analysis of business data to evaluate performance and make informed decisions.

Workload and Assessment

Students engage in inquiry-based learning, develop timelines, analyse historical sources and construct evidence-based arguments.

Assessment includes:

- response to stimulus exam
- historical research essay

Pathways

Modern History supports further study in History, Legal Studies, Politics and English. It develops transferable skills in research, analysis, interpretation and communication useful for careers in education, law, journalism, public policy and international relations.

Duration One Semester

Elective

Business

Career Pathways

- Marketing Manager
- Digital Marketer
- Business Analyst
- Accountant
- Auditor
- Human Resources Manager
- Entrepreneur
- Small Business Owner
- Financial Planner
- Investment Adviso

Skills Developed

- Informed decision-making
- Creative problem-solving
- Effective communication skills
- Critical and analytical thinking
- Strategic and forward planning

Duration One Semester

Elective

Legal Studies

What is Legal Studies?

Legal Studies explores how laws shape our society and protect individual and collective rights. Students examine the foundations of Australia's legal system, focusing on how laws are made, interpreted and enforced. They develop an understanding of the principles of justice, the rule of law and democratic values.

Through analysing current legal issues, students evaluate how laws respond to changing circumstances and how individuals can participate in the legal process as active and informed citizens.

Workload and Assessment

Classwork focuses on legal research, case analysis and written argument.

Assessment includes

- response to stimulus exam
- research-based investigative report.

What will I study?

Students investigate how the legal system protects rights, maintains order and responds to social challenges.

Key areas of study include:

- The sources of Australian law and the roles of parliament and courts
- Criminal law and legal processes, from arrest to trial and sentencing
- The role of the High Court in interpreting rights and resolving disputes
- The impact of emerging technologies on legal rights and responsibilities

Students analyse contemporary legal cases and assess the effectiveness of laws in delivering fair outcomes.

Pathways

Legal Studies supports future study and careers in law, criminology, politics, justice, and public service. It builds critical thinking, ethical reasoning and communication skills valuable in any professional field.

Duration One Semester

Elective

Legal Studies

Career Pathways

- Solicitor or Barrister
- Policy Advisor
- In-House Legal Counsel
- Human Rights Advocate
- Compliance or Risk Manager
- Academic, University Lecturer or Teacher

Skills Developed

- Understanding legal systems
- Analysing complex information
- Critical thinking and reasoning
- Research and inquiry skills
- Effective communication and argumentation

Duration One Semester

Elective

Design Technology

What is Design Technology?

Design Technology focuses on the application of design thinking to envisage creative products, services and environments in response to human needs, wants and opportunities. Designing is a complex and sophisticated form of problem-solving that uses divergent and convergent thinking strategies that can be practised and improved.

Designers are separated from the constraints of production processes to allow them to appreciate and exploit new innovative ideas. Students develop transferable skills by engaging in design tasks that promote adaptable, competent, and creative individuals who can work with colleagues to solve problems and develop design solutions.

What will I study?

Students will develop skills and knowledge in three main areas:

Visual Communication
Skill development in sketching and rendering using a range of mediums to communicate ideas to target audiences.

Computer-Aided Design
Skill development in producing graphical products using architectural, industrial design and graphic design software.

Rapid Prototyping
Skill development in producing prototypes in a range of mediums including 3D printing, fabrics, and form study development.

Workload and Assessment

Each project will require the completion of folio work to communicate ideas.

Folio of Work
Generation of folio of work demonstrating skills in both hand-generated and computer-generated design tasks (Folio-based)

Project Production & Evaluation
- Manufacture prototypes of proposed designs
- Evaluation and appraisal of design solutions to problems (Folio-based)

Examination
Based on the content covered.

Suggested Prior Learning

- Satisfactory results in Middle School Design & Technology
- A strong interest in sketching and visual
- communication
- A strong interest in computer-based designing

Duration One Semester

Elective

Design Technology

Career Pathways

- Industrial Designer
- Product Designer
- UX/UI Designer
- Interior Designer

Career Pathways

- Creative problem-solving and design thinking
- Innovative idea generation and evaluation
- Collaboration and teamwork in design projects
- Technical drawing and digital design skills
- Critical analysis of design solutions

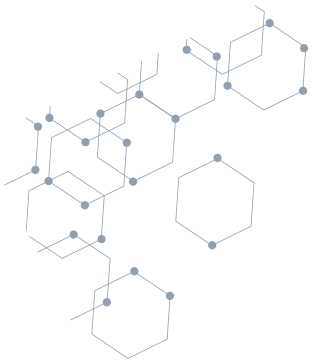
Frequently Asked Questions

What type of work is undertaken in class?

The coursework is practical and creative in nature. Sketching is a significant aspect of the Design Tech coursework, along with computer generated design prototypes , hand tools and machines.

Do I require any personal protective equipment (PPE)?

Students are supplied with all required PPE. Students need to ensure that they have leather shoes regardless of the uniform.



Duration One Semester

Elective

Engineering Technology

What is Engineering Technology?

Engineering includes the study of mechanics, materials, science and control technologies through real-world engineering contexts where students engage in problem-based learning. Students learn to explore complex, open-ended problems and develop engineered solutions. They recognise and describe engineering problems, determine solution success criteria, develop and communicate ideas and predict, generate, evaluate and refine prototype solutions.

Students justify their decision-making and acknowledge the societal, economic and environmental sustainability of their engineered solutions. The problem-based learning framework in Engineering encourages students to become self-directed learners and develop beneficial collaboration and management skills.

What will I study?

Students will develop skills and knowledge and explore design problems in four main areas:

- The problem-solving process in engineering
- Engineering communication
- Introduction to engineering mechanics
- Introduction to engineering materials

These areas will be covered under a central theme.

Workload and Assessment

Student's achievement will be measured using the following instruments:

- Classwork folio
- Design folio and engineered solution
- Examination

Quality of presentation and attention to detail are central to achievement in Engineering.

Suggested Prior Learning

- Assumed knowledge of content within the Australian Curriculum - Technologies
- A keen interest in engineering
- Reasonably high level of mathematical ability
- At least a B achievement in Year 9 Science
- At least a B achievement in Year 9 Maths
- The ability to study Year 10 Extended Maths concurrently

Duration One Semester

Elective

Engineering Technology

Career Pathways

- Mechanical Engineer
- Civil Engineer
- Electrical Engineer
- Environmental Engineer
- Structural Engineer
- Project Manager

Skills Developed

- Problem-solving and critical thinking in real-world contexts
- Understanding mechanics, materials, and control technologies
- Designing, prototyping, and evaluating engineered solutions
- Justifying design choices with consideration of sustainability
- Collaboration and teamwork in project-based learning
- Project management and self-directed learning
- Analytical skills to assess economic and environmental impacts

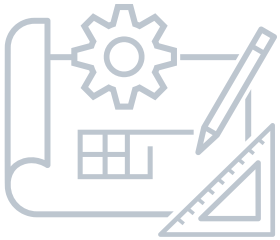
Frequently Asked Questions

Do I need to buy any special software for Engineering?

A Windows-based computer can be used to download free software for students to use. It will be expected that students set up the software on their devices.

What types of math skills will I be expected to know?

You could potentially cover formulae investigating static and dynamic forces, electrical circuit calculations, and materials.



Duration One Semester

Elective

Food Technology

What is Food Technology?

Year 10 Food Technology is a course of study designed to develop knowledge, understanding and practical skills. Students will use a variety of technologies and other resources to create innovative solutions to food related design tasks.

This unit will explore a variety of concepts that evolve around planning and preparation of food for special events.

What will I study?

This unit will involve the study of:

- functional properties of food
- science of cheese making
- food for special needs

Students will use this to plan and prepare an event that will use cheese that students make.

Workload and Assessment

There are two forms of assessment:

- Investigation report
- Project (event)

Career Pathways

- Food Technology teacher
- Food Safety Officer
- Food Product Developer
- Quality Assurance Specialist
- Food Service Manager
- Bakery or Pastry Chef
- Hospitality and events Manager

Skills Developed

- Practical food preparation and cooking techniques
- Food safety and hygiene practices
- Planning and organizing food for special events
- Creativity in developing innovative food solutions
- Understanding nutrition and dietary needs
- Teamwork and collaboration in food projects

Duration One Semester

Elective

Food Technology

Frequently Asked Questions

What do I need to bring to practical lessons?

The college provides all ingredients and equipment. You will need to bring along an apron, enclosed leather shoes and a container to take food home in.

What is I have never cooked before?

Everyone is welcome. We teach a variety of skills covering the most basic up to intermediate cookery levels.

What if I have dietary requirements?

All dietary requirements are taken seriously and are able to be catered for, whether it be allergies and intolerances (eg; gluten, dairy, nuts, seafood) or other dietary requirement such as vegetarianism and veganism. Our kitchens are also strictly nut-free and we avoid seafood.

Duration One Semester

Elective

Physical Education

What is Physical Education

Physical Education provides students with the knowledge, understanding and skills to explore and enhance their own and others' health and physical activity in diverse and changing contexts.

Physical Education also provides a philosophical and educative framework to promote deep learning in three dimensions: about, through and in physical activity contexts.

Students learn about body and movement concepts and the scientific bases of biophysical, sociocultural and psychological concepts. They also study how the principles are relevant to their engagement and performance in physical activity. They engage in a range of activities to develop movement sequences and movement strategies.

Students learn experientially through three stages of an inquiry approach to make connections between the scientific bases and the physical activity contexts. They recognise and explain concepts and principles about and through movement, and demonstrate and apply body and movement concepts to movement sequences and movement strategies.

Through their purposeful engagement in physical activities, students also gather data to analyse, synthesise and devise strategies to optimise engagement and performance.
This course is highly recommended for students wishing to select Physical Education studies in Senior School with career goals in the fields of exercise science, biomechanics, the allied health professions, psychology, teaching, journalism, sport management, sport promotion, sport development and coaching.

What will I study?

The course will explore how the body responds to physical activity (exercise physiology) and how the mind plays an important role in optimising performance (sports psychology).

The practical learning contexts include Touch Football and Volleyball.

Duration One Semester

Elective

Physical Education

Workload and Assessment

Students explore and use aspects of the Senior Physical Education five criteria of Explaining, Demonstrating and Applying, Analysing and Evaluating and Justifying within integrated practical and theoretical learning experiences.

Assessment is delivered within the modes of:

- Folio and Supplementary Evidence (60%)
- Combination Response Examination (40%)

Suggested Prior Learning

- Year 9 Physical Education (Elective)
- It is preferable for students intending to study Physical Education in Years 11 and 12 to have studied this elective.

Career Pathways

- Sports Coach
- Physiotherapist
- Personal Trainer
- Physical Education Teacher
- Sports Scientist

Skills Developed

- Understanding of human anatomy and physiology
- Fitness assessment and training program design
- Injury prevention and first aid knowledge
- Communication and interpersonal skills
- Strategic thinking and decision-making in sports
- Knowledge of nutrition and healthy lifestyles

Frequently Asked Questions

What is the balance between practice and theory?

Although the subject uses physical activity and sport to facilitate learning, the workload, assessment and concepts explored are academically vigorous.

This elective facilitates a 50:50 theoretical to practical based learning and assessment progression.

Duration One Semester

Elective

Religion & Ethics

What is Religion & Ethics?

At Prince of Peace Lutheran College, Christian Studies is a foundational element of our holistic educational approach. Grounded in the Lutheran Education Australia Curriculum Framework and aligned with the QCAA Religion and Ethics syllabus, the program reflects our commitment to personalised, innovative, and contemporary learning.

In Year 10, students commence Units 1 and 2 of the QCAA Applied Subject: Religion and Ethics, laying the groundwork for deeper exploration in the senior years. Those who choose to continue the subject in Year 11 will progress to Units 3 and 4, completing the course by the end of that year.

Delivered through a Christ-centred lens, the curriculum invites students to engage with life's big questions—justice, ethics, identity, and purpose—while exploring diverse worldviews, major world religions, and philosophical traditions. This journey is underpinned by the College's core values of Courage, Hope, Service, and Grace, fostering a safe and supportive environment for inquiry, reflection, and personal growth.

What will I study?

In Year 10, students undertake a focused study of world religions and spiritualities, exploring how individuals and communities seek, express, and live out their beliefs. This unit highlights the dynamic and complex nature of religious and spiritual traditions, including those of the world's Indigenous peoples. Students investigate how these systems shape values, culture, and community life across various global and local contexts. Working in small groups, students research one of four major world religions and present their findings in an expo-style presentation.

Their inquiry includes: Origins and historical development Key beliefs and sacred texts Symbols, worship, and rituals The religion's role in the modern world

This unit aims to promote tolerance, empathy, and intercultural understanding, encouraging students to appreciate the role of religion and spirituality in shaping human experience and fostering a more harmonious society.

Duration One Year

Elective

Religion & Ethics

What will I study? cont.

In the Sacred Stories unit, students explore how sacred narratives convey universal truths and shape the beliefs, values, and identities of individuals and communities. These stories—passed down through generations—serve as powerful tools for teaching religious, spiritual, and ethical messages.

Students examine how sacred stories: Preserve and transmit cultural and spiritual traditions Inspire and challenge individuals and communities Offer insight into life's big questions and moral dilemmas by engaging with stories from a range of cultures and time periods, students develop the ability to interpret diverse perspectives and reflect on how these narratives continue to resonate in contemporary contexts.

Career Pathways

- Pastor, Youth Minister, Chaplain, Missionary
- Religious Studies Teacher
- Social Worker, Community Outreach Coordinator, NGO Worker
- Pastoral Counselor, Spiritual Advisor, Family Counselor

Skills Developed

- Theological and biblical knowledge
- Critical thinking and analysis
- Communication & public speaking
- Counseling and interpersonal skills
- Cultural awareness and ethical understanding

Duration One Year

Workload and Assessments

Students engage with the subject through a range of purposeful and challenging learning experiences that promote deep understanding and real-world relevance. Assessment tasks are designed to develop students' ability to:

- Examine religious and ethical principles across diverse traditions.
- Explain the beliefs, practices, and significance of spiritualities within both local and global communities.
- Apply their knowledge to form informed religious, spiritual, and ethical perspectives, particularly in relation to world religions.
- Assessment methods include:
- Projects
- Investigations
- Extended written responses Collaborative presentations

These tasks encourage critical thinking, personal reflection, and real-world application, supporting students in developing essential skills for ethical reasoning, intercultural understanding, and active citizenship.

Elective

A Short Course in Career Education

What is a Short Course in Career Education?

The Short Course in Career Education focuses on the development of knowledge, processes, skills, attributes and attitudes that will assist students to make informed decisions about their options to enable effective participation in their future study, working life and career.

Career Education encompasses career development and career management strategies that help students plan for and shape their future, providing them with the essential knowledge, understanding and skills for participation in the rapidly changing world of work.

This course helps students plan for and shape their future in the rapidly changing world of work and is part of the lifelong process of managing life, learning and work.

Career development is an ongoing process of interaction between an individual and the environment that surrounds them. As the nature of work changes and students face different challenges and opportunities from those of the past, career development aims to assist individuals to develop the skills and knowledge to effectively manage their careers.

What will I study?

This course focuses on the knowledge, processes and skills that students in the senior phase of learning, i.e. Years 10, 11 and 12, need in order to develop effective career development and management practices.

Students come to understand what they need to adapt to multiple transitions in work and life, and use opportunities to transfer their developing abilities to a range of work-related and career contexts and activities.

Duration One Semester

Compulsory

A Short Course in Career Education

Workload and Assessment

Students will complete two summative internal assessments that count towards their overall subject result.

These assessments include:

- Workplace interview presented in a spoken or recorded form
- Investigation

Frequently Asked Questions

What about Career Development in Year 11 and 12?

There is no further study in the area of career education, however, students will have access to the Careers Counsellor for further advice on subject selection and whatever path they choose to follow after school.

Duration One Semester

Compulsory

Prince of Peace Lutheran College

Kindergarten to Year 12
Co-educational College
Located on Brisbane's northside
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