



***“My potential
is limitless”***

SECONDARY CURRICULUM BROCHURE
ARMSTRONG CREEK CAMPUS

WISDOM - HONOUR - PURPOSE



GEELONG LUTHERAN
COLLEGE

This information is current as of 19/3/26



Welcome Bienvenue Willkommen

Welcome to Geelong Lutheran College (GLC). This is a very special place where students can flourish, feel valued and know they are loved by God.

We are proud of our Lutheran traditions, values and approaches to learning to support the whole child. We believe every child who enters our gates, either at St John's Newtown or the Armstrong Creek campus, is a child of God – uniquely made with a future that is bright and purposeful.

We are blessed with outstanding teachers, general staff, facilities and resources which support rich and innovative learning engagements both at school and beyond. We celebrate our diverse community, developing understanding and appreciation of the global context into which our young people will move beyond school.

We welcome you to our campuses to see 'The GLC Difference' for yourself.

Sue Ellis
Executive Principal



SECONDARY LEARNING APPROACH

Secondary at GLC, Year 7 - 12

Secondary students Years 7 - 12 develop their ability to be analytical and critical thinkers, applying abstract thought, skills and knowledge to the world in which they live.

Our Secondary students are grouped in three distinct Learning Communities, **Nurture**, **Evolve** and **Nexus**, where their learning and activities are tailored to the different developmental needs of each cohort.

Connectedness is promoted between and across year levels through activities and support programs. Students are encouraged to work collaboratively with their peers, increasing their capacity for interpersonal development in the areas of empathy and compassion.

nurture

Year 7 & 8 Learning Community

evolve

Year 9 & 10 Learning Community

nexus

Year 11 & 12 Learning Community



Secondary Curriculum Overview

The curriculum in **Nurture** is authentic, interesting and relevant, designed to engage active learning. We encourage challenging and relevant education, knowing that learning happens when students experience both success and challenge.

Evolve students choose from a wide variety of elective subjects including Languages, Arts, Technologies, Health, Sciences, and Commerce. The focus is on empowering life-long learning to support student growth in independence. Additional learning opportunities are offered beyond the classroom, focused on character development and encouraging students to be thoughtful, productive and engaged members of their community.

In **Nexus** we offer both VCE and VCE VM (Vocational Major) pathways with a range of subjects across all faculty areas. Engaging in the career development process is an integral part of the Nexus program. Students explore pathway options related to their areas of interest so that they can make informed decisions about their future and understand the steps required to achieve their goals.

Years 7 – 12

PASTORAL PROGRAM

25 mins per day

Mentor Group – three times per week

Chapel – once a week

Assembly – once a week

TIMETABLE STRUCTURE

6 x 45 min lessons per day
(Single and double lessons)

Programs and Activities Specific to Year Levels



	YEAR 7	YEAR 8
CORE SUBJECTS	<p>Christian Studies</p> <p>English</p> <p>Maths</p> <p>Science</p> <p>Humanities</p> <p>Physical Education</p> <p>German OR French</p> <p>Health</p>	<p>Christian Studies</p> <p>English</p> <p>Maths</p> <p>Science</p> <p>Humanities</p> <p>Physical Education and GISSA</p> <p>German OR French</p> <p>Health</p>
ROTATIONAL/ ELECTIVE SUBJECTS	<p>One semester of each of the following:</p> <ul style="list-style-type: none"> · Food Technology · Robotics / Digital Technology <p>One semester of each of the following:</p> <ul style="list-style-type: none"> · Drama · Visual Communication 	<p>One semester of each of the following:</p> <ul style="list-style-type: none"> · Materials Technology · Textiles <p>One semester for each of the following:</p> <ul style="list-style-type: none"> · Art · Music
CAMPS AND OTHER YEAR LEVEL ACTIVITIES	<p>Year 7 Pastoral Program: Transition to Secondary weekly program focusing on 7 C's Connection, Communication, Critical Thinking, Collaboration, Community, Creativity & Care. Health and Respectful Relationships curriculum components are also included in the pastoral program.</p> <ul style="list-style-type: none"> · Year 7 Camp experience · Geelong Tech School STEM partnership days · Introductory Careers and Pathways session · PLUS subject specific excursions 	<p>Year 8 Pastoral Program: Designed to support emotional and mental health and wellbeing.</p> <ul style="list-style-type: none"> · Year 8 My Place My Future - connection week · Mental Health / First Aid · Geelong Tech School STEM partnership days · Elevate Study Skills presentations - Junior Time Management · Follow-up Careers and Pathways session · PLUS subject specific excursions · Lifechanger Program

	YEAR 9	YEAR 10
CORE SUBJECTS	<p>Launch Program: Key questions each term shape cycles of learning that draw links between multiple subject areas.</p> <p>Christian Studies English Maths Rite Journey (includes Health) Science Humanities Physical Education Language</p>	<p>Christian Studies English Maths Science Humanities Physical Education</p>
ROTATIONAL/ELECTIVE SUBJECTS	<p>Electives are based on student choice and availability and are subject to change on a yearly basis.</p> <p>2 electives each semester Current options are as follows:</p> <ul style="list-style-type: none"> • Business Studies • Drama • Digital Technologies • Exercise and Sport Science • Food Technology • Forensic Science • Languages – French or German • Legal Studies • Materials Technology • Media • Music • Outdoor Environments • Systems Technology • Visual Art • Visual Communication • Writers Workshop 	<p>Electives are based on student choice and availability and are subject to change on a yearly basis.</p> <p>3 electives each semester (3x6 lessons across a fortnight). Current options are as follows:</p> <ul style="list-style-type: none"> • Accounting/Economics • Drama • Exercise and Sport Science • Food Technology • Digital Technologies • Languages – French or German • Literature • Legal Studies • Materials Technology • Media • Music • Outdoor Environments • Psychology • Systems Technology • Visual Art • Visual Communication <p>Acceleration in Year 10 Year 10 students may be invited to accelerate based on their academic results. They may select 1 VCE subject in Year 10 in lieu of 1 elective line from a range of subjects that are on offer that year. Subjects may change year to year based on availability.</p>

YEAR 9

YEAR 10

CAMPS AND OTHER YEAR LEVEL ACTIVITIES

LAUNCH includes:

- LAUNCH excursions
- Subject specific excursions
- Geelong Tech School STEM partnership days
- Year 9 Citiescape Experience
- Rite Journey experience
- Sustainability Week

- Work Experience – one week
- Year 10 Formal
- Geelong Tech School STEM partnership days
- PLUS subject specific excursions

CAREERS PROGRAM

- Elevate Study Skills presentations – Study Sensei & Time Management
- Gordon Tafe Visit

- Work Experience preparation
- Work Experience review
- Visit to Gordon East and Deakin City
- Elevate Study Skills presentations – Study Sensei & Time Management



For Year 11 & 12, we offer both VCE (Victorian Certificate of Education) & VCE VM (Vocational Major) Pathways



	VCE PATHWAY	VCE VM PATHWAY
SUBJECTS	<p>Accounting</p> <p>Art Creative Practice</p> <p>Australian & Global Politics</p> <p>Drama</p> <p>English</p> <p>Biology</p> <p>Business Management</p> <p>Chemistry</p> <p>Computing</p> <p>Food Studies</p> <p>French</p> <p>General Maths</p> <p>German</p> <p>Health and Human Development</p> <p>History</p> <p>Legal Studies</p> <p>Literature</p> <p>Mathematical Methods</p> <p>Media</p> <p>Music</p> <p>Outdoor and Environmental Studies</p> <p>Physical Education</p> <p>Physics</p> <p>Politics</p> <p>Product Design and Technology</p> <p>Psychology</p> <p>Systems Engineering</p>	<p>Literacy or VCE English</p> <p>Numeracy or VCE Mathematics (Foundation, General or Methods)</p> <p>Personal Development Skills</p> <p>Work Related Skills</p> <p>1 day per week of Structured Workplace Learning starting Week 1, Term 2 for Year 11.</p> <p>1 day per week of School Based Apprenticeship/Traineeships (SBATs) for Year 12 starting Term 1, Week 1.</p> <p>Community Service and/or Project-based Learning programs</p> <p>Pathways sessions</p> <p>Excursions to support the learning program. Determined by student projects</p> <p>Certificates of accreditation vary but may include:</p> <ul style="list-style-type: none"> • Barista • Safe Food Handling • First Aid • White Card • Responsible Service of Alcohol • Financial Literacy
VET	<p>VET (Vocational Education and Training) is offered as part of both VCE and VCE VM PATHWAY programs.</p> <ul style="list-style-type: none"> • Gordon TAFE is our major provider plus a small selection from other providers • 1st Year – Wednesday afternoon • 2nd Year – Monday afternoon or Wednesday afternoon 	
	<ul style="list-style-type: none"> • VCE students can select VET in place of one VCE subject 	<ul style="list-style-type: none"> • VM students MUST undertake a VET program as part of their certificate

	YEAR 11	YEAR 12
CAMPS AND OTHER YEAR LEVEL ACTIVITIES	<p>Year 11 Connection Day</p> <p>Year 11 Christian Studies Seminars</p> <p>Year 11 Winter Ball</p> <p>Elevate Study Skills sessions</p> <p>"You Just Never Know" - Road Trauma Awareness Program</p> <p>RYDA Driver Education program</p> <p>PLUS subject specific excursions</p>	<p>Year 12 Camp – Melbourne - 3 days</p> <p>Year 12 Community Service program</p> <p>Spring into Revision program, Mindfulness coaching</p> <p>Elevate Study Skills sessions</p> <p>Practice Examinations</p> <p>Year 12 Thank God Thursday Mentor Group</p> <p>Red Frogs- Schoolies Education</p> <p>Year 12 Celebration Day</p> <p>Valedictory Service</p> <p>Valedictory Dinner</p> <p>Plus subject specific excursions</p>
CAREERS PROGRAM	<p>Careers Intensive – Interview skills</p> <p>Practice Interviews</p> <p>Visit to Federation University and ACU – Ballarat</p>	<p>Visit to 5 x Melbourne universities during camp</p> <p>VTAC Information Sessions</p> <p>One-on-one VTAC counselling</p>



English



'There have been great societies that did not use the wheel, but there have been no societies that did not tell stories.' - Ursula K. Le Guin

Subject Overview

The study of English focuses on developing students' critical and creative thinking skills through reading, writing, speaking and listening tasks that engage students with a range of text types, ideas and voices.

In Years 7 and 8, students develop literacy skills, craft narratives, learn about persuasive techniques and study novels and film texts.

Year 9 strengthens analytical thinking through a focus on poetry and persuasive language, while the Writer's Workshop elective offers an opportunity to extend writing skills.

Students in Year 10 study *Animal Farm* and *Romeo and Juliet*, refine writing skills, analyse media texts, and present persuasive oral arguments.

In VCE, students analyse texts with increasing depth and complexity. They craft writing using mentor texts as inspiration, analyse persuasive media texts and deliver oral presentations on current issues.

Future Pathways

- Actor
- Administration officer
- Customer Service Manager
- Early Childhood Educator
- Film Director
- Hospitality Manager
- Intelligence Analyst
- Journalist
- Law Clerk
- Learning Coach
- Library Officer
- Media Presenter
- Project manager
- Public Relations Officer
- Sales Manager
- Solicitor
- Teacher
- Tourist Information Officer
- Tutor
- Writer

Why This Subject Matters?

English aims to develop critical, creative and compassionate thinkers who will become not just participants but active contributors to our society.

This begins with building the capacity to communicate effectively, which is fundamental to the processes of sharing, creating, collaborating, advocating, expressing, reflecting, critiquing and connecting.

But beyond this, English at its core is about stories – reading stories, discussing stories, sharing stories, creating stories.

Through these stories we are immersed in the ideas, experiences and perspectives of different people, places and times and build our capacity for understanding human beings and the human experience.



Literature



'Fill your paper with the breathings of your heart.' - William Wordsworth

Subject Overview

Students can choose Literature in Year 10 as an introductory elective, analysing poetry, exploring *The Importance of Being Earnest* in both play and film form, and writing a creative response to the short story *The Yellow Wallpaper*.

Literature may be studied instead of or alongside English in VCE. Year 11 develops close analysis skills through the study of poetry from a key literary movement. Students study the play *Antigone*, the novel *The Great Gatsby*, and texts by Aboriginal and Torres Strait Islander authors considering how these texts use form, language and features to convey ideas, values and reflect historical, social and cultural contexts.

Year 12 Literature continues to develop close analysis skills, with additional focus on developing interpretations of texts, studying an adaptation to explore how form shapes meaning and respond creatively to a text.

Future Pathways

- Academic Researcher
- Author
- Editor
- Film Director
- Film Producer
- Intelligence Analyst
- Journalist
- Learning Support Specialist
- Lecturer
- Librarian
- Media Presenter
- Paralegal
- Policy Analyst
- Public Relations or Communications Officer
- Screenwriter
- Script Consultant
- Social media content creator
- Solicitor
- Teacher
- Tutor

Why This Subject Matters?

Literature fosters enjoyment and appreciation of the artistic and aesthetic merits of stories and language.

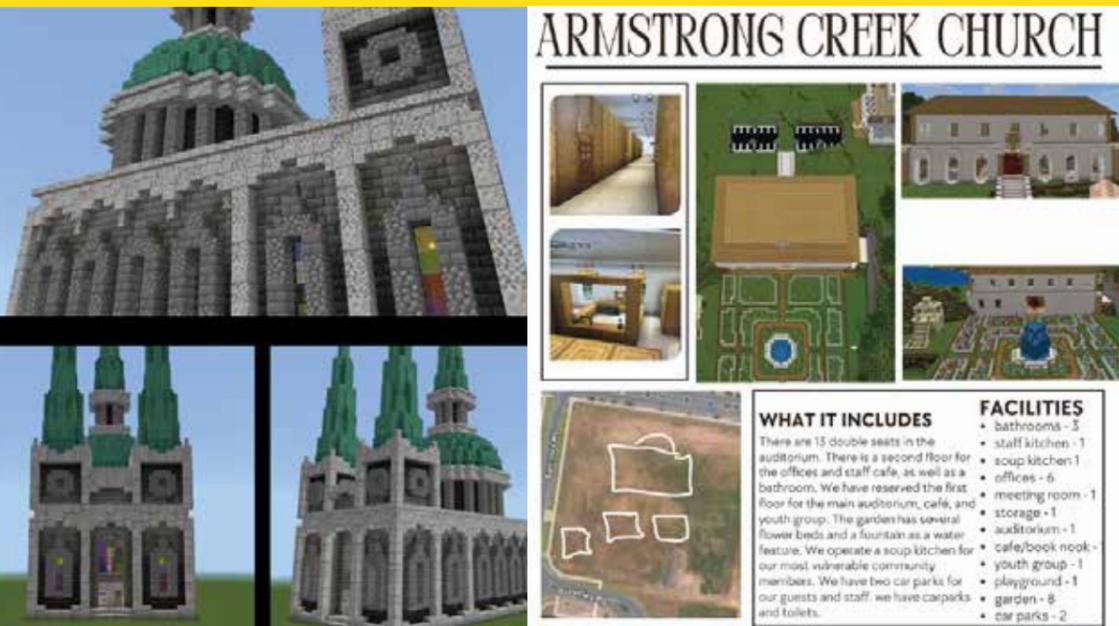
By exploring a wide range of established and emerging texts, students develop creativity and higher-order thinking, strengthening their critical and creative voices.

Studying Literature deepens understanding of the historical, social and cultural influences that shape texts and helps students reflect on themselves as readers.

Engaging with challenging fiction and non fiction encourages students to explore multiple interpretations and develop considered personal responses. Through examining literary forms, language and authorial choices, students broaden their analytical frameworks.



Yr 7-10 Christian Studies



‘Christian Studies was more fun than I expected. We visited some churches and designed a church in Minecraft.’

Subject Overview

Across Years 7–10, students explore faith, ethics, identity, and the impact of belief on individuals and society. They investigate Australia’s religious landscape, biblical narratives, the life and teachings of Jesus, and global religious traditions. Students examine ethical frameworks, the nature of justice, and the origins of brokenness in the world. They explore how Christian faith shapes action, study worship practices, and investigate social issues affecting communities today.

Through reflection on strengths, values, and vocation, students consider how they might contribute positively to the world.

Year 7 – Exploring the Bible, Old Testament Stories, Jesus’ Life and Teaching, God in Nature

Year 8 – from Jesus time to the Reformation, and looking at different Christian Communities today

Year 9 – Christianity in the city, the composition of faith in Australia and Ethics

Year 10 – Vocation, World Religions, Our broken world, can we help?

Year 11 – meaningful guest speakers and workshops

Year 12 – small group discussions

Future Pathways

- Teacher
- Counsellor
- Social Worker
- Youth Worker
- Community Development Officer
- Non Profit or Charity Worker
- Pastor
- Chaplain
- Mediator
- Human Rights Advocate
- Healthcare Professional
- Humanitarian Aid Worker

Why This Subject Matters?

Christian Studies equips students with empathy, ethical reasoning, and cultural understanding. By exploring diverse religions, moral decision making frameworks, and real-world social issues, students learn to think critically and compassionately. They develop insight into identity, purpose, and how beliefs shape behaviour and society. The subject encourages students to consider justice, restoration, and the responsibilities they hold within their communities. Understanding different worldviews supports respectful engagement in an increasingly diverse world. Ultimately, Christian Studies helps students become thoughtful, grounded, and well rounded individuals prepared to contribute positively to society.



Yr 11-12 Christian Studies



'I learnt a lot and found the presenter very easy to listen to. I was engaged and enjoyed the seminar.'

Subject Overview

Year 11

Students engage with four seminar experiences designed to build resilience, deepen faith understanding, and broaden global awareness. They explore emotional resilience and moral injury through real-life insights from a guest speaker. Students then examine how science and faith interact through ISCAST's exploration of dialogue between Christian belief and scientific discovery. Followed by practical strategies for navigating grief and supporting others and they investigate modern slavery with Offspring, and how ethical choices and advocacy contribute to meaningful change.

Year 12

Students engage with practical, relevant themes through the weekly Faith Friday program. They explore how faith shapes identity and purpose by examining celebrity stories and public expressions of belief. Students investigate the origins of traditions, reflect on being made in God's image and explore personal worldviews. They also discuss resilience, failure, and Christian perspectives on life's challenges.

Future Pathways

- Social Worker
- Psychologist / Counsellor
- Teacher
- Youth Worker
- Human Rights Advocate
- Non Profit or Charity Worker
- Pastor
- Chaplain
- Community Development Officer
- Healthcare Professional
- Humanitarian Aid Worker
- Mediator
- Healthcare Professional

Why This Subject Matters?

Christian Studies equips students to navigate a complex world with emotional strength, ethical awareness, and compassion. By engaging with real-world issues—such as mental health, grief, global injustice, and the relationship between science and faith—students develop practical tools for wellbeing and for supporting others.

Students to navigate adulthood with wisdom, resilience, and purpose. Students consider life's biggest questions—about Jesus, meaning, and belonging—while developing skills to engage respectfully with diverse perspectives. This subject helps students become grounded, compassionate individuals ready to contribute positively to their communities.



Year 7-10 Science



*‘Explore.
Experiment.
Understand.’*

Subject Overview

Year 7

Students explore Biological, Chemical, Physical, and Earth & Space Sciences. Topics include ecosystems, mixtures and solutions, forces, and Earth’s place in space. Scientific inquiry skills are developed through experiments and investigations.

Year 8

Students study cells and body systems, chemical change, energy transfer, and plate tectonics. Emphasis is placed on evidence-based explanations and practical investigations.

Year 9

Students examine genetics and evolution, atomic structure, electricity, and global systems including climate change. Focus on applying scientific knowledge to real-world issues.

Year 10

Consolidates chemical reactions, motion and energy, DNA and inheritance, and environmental sustainability. Refines experimental design and analytical skills.

Future Pathways

- Environmental Scientist
- Marine Biologist
- Laboratory Technician
- Engineer
- Science Educator
- Health Sciences
- Medical Researcher
- Geologist
- Physiotherapist
- Agricultural Scientist
- Food Technologist
- Environmental Consultant
- Geneticist
- Electrician
- Climate Scientist
- Biomedical Scientist
- Renewable Energy Engineer
- Forensic Scientist
- Doctor
- Engineer
- Pharmacist
- Environmental Manager
- Data Analyst

Why This Subject Matters?

Year 7

Builds curiosity and foundational scientific literacy. Develops questioning, investigation, and critical thinking skills essential for STEM pathways.

Year 8

Strengthens analytical thinking and connects science to health, sustainability, and global challenges.

Year 9

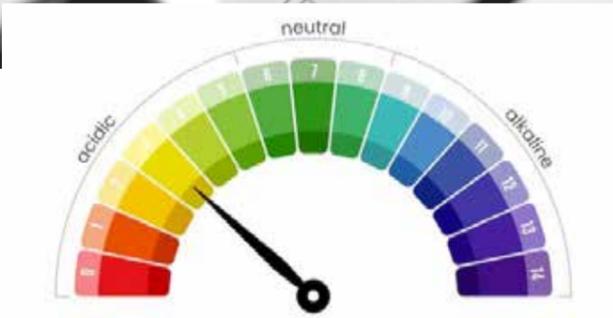
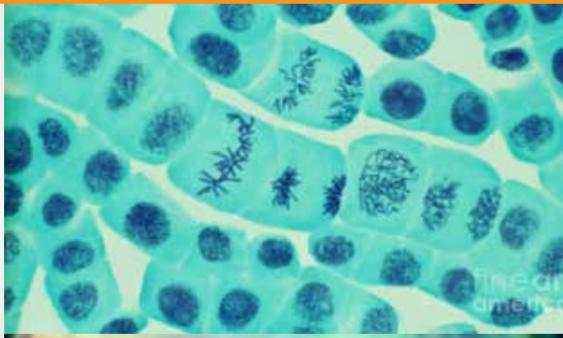
Prepares students for senior science pathways and develops reasoning about sustainability, energy use, and biodiversity.

Year 10

Prepares students for VCE Biology, Chemistry, Physics, Psychology, and Environmental Science.



Year 9 Electives



- **Forensic Science**
- **Environmental Science**

Subject Overview

Forensic Science

Applies biology, chemistry, and physics to solve simulated crimes. Topics include fingerprinting, DNA profiling, and investigative techniques.

Environmental Science

Investigates ecosystems, conservation strategies, sustainability practices, and human environmental impact with fieldwork components.

Future Pathways

- Forensic Scientist
- Police Officer
- Crime Scene Investigator
- Legal Professional
- Laboratory Analyst
- Environmental Manager
- Park Ranger
- Sustainability Consultant
- Marine Biologist
- Urban Planner

Why This Subject Matters?

Forensic Science

Develops analytical thinking and scientific reasoning in real-world investigative contexts.

Environmental Science

Encourages environmental responsibility and critical thinking about sustainability.



Year 10 **SEEK Science**



*‘Science
that builds
insight—
and impact.’*

Subject Overview

Consolidates chemical reactions, motion and energy, DNA and inheritance, and environmental sustainability. Refines experimental design and analytical skills.

Future Pathways

- Boiler Maker
- Engineering Technician
- Water Quality Technician
- Conservationist
- Dental Assistant
- Lab Technician
- Disability support worker
- Agricultural worker

Why This Subject Matters?

Builds real world scientific understanding and practical skills that prepare students for VCE VM, VET pathways, apprenticeships, and science related careers.



VCE Science



- **Biology**
- **Chemistry**
- **Physics**
- **Psychology**

Subject Overview

VCE Biology

Focuses on cellular processes, genetics, evolution, and regulation of biological systems. Students investigate life at molecular, organism, and ecosystem levels.

VCE Chemistry

Explores composition and reactions of substances, energy changes, equilibrium, and analytical techniques with strong laboratory focus.

VCE Physics

Investigates motion, energy, electricity, waves, and modern physics concepts using mathematical models.

VCE Psychology

Examines brain function, learning and memory, mental health, and human behaviour. Students analyse research methods and scientific evidence.

Future Pathways

- Doctor
- Nurse
- Biotechnologist
- Veterinarian
- Pharmacist
- Biomedical Researcher
- Chemical Engineer
- Forensic Chemist
- Food Scientist
- Materials Scientist
- Environmental Chemist
- Engineer
- Physicist
- Astronomer
- Aviation Specialist
- Renewable Energy Consultant
- Medical Physicist
- Psychologist
- Counsellor
- Social Worker
- Human Resources Manager
- Mental Health Practitioner
- Criminologist

Why This Subject Matters?

VCE Biology

Builds understanding of living systems and prepares students for health and life science pathways.

VCE Chemistry

Develops logical thinking and quantitative problem-solving essential for STEM careers.

VCE Physics

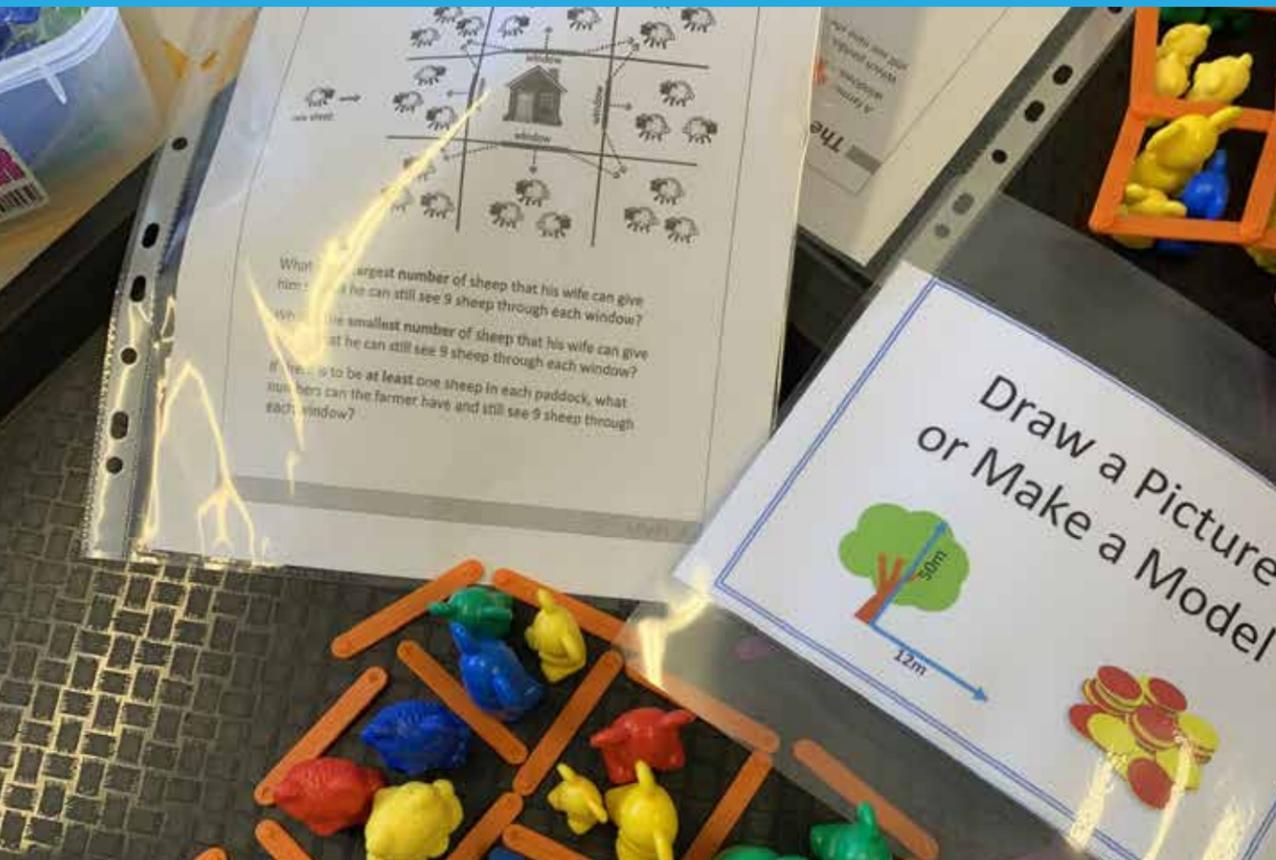
Builds strong analytical and mathematical reasoning skills for engineering and applied sciences.

VCE Psychology

Develops critical thinking about behaviour and wellbeing for health, education, and social science pathways.



Yr 7-10 Mathematics



Years 7–10 Mathematics fosters confidence, resilience, and independent thinking.

Subject Overview

Years 7–10 Mathematics develops strong mathematical foundations while fostering confidence, resilience, and independent thinking. Students engage in explicit teaching, targeted skill development, collaborative problem-solving, and rich investigative tasks that connect mathematics to real-world contexts.

Learning pathways are designed to meet students where they are and support growth. Students who demonstrate readiness are extended through advanced and enrichment opportunities, while others build essential applied skills that prepare them for VCE, VCE VM, or VET pathways. This structured and responsive approach ensures all students are supported, challenged, and equipped for success in senior mathematics and beyond.

Future Pathways

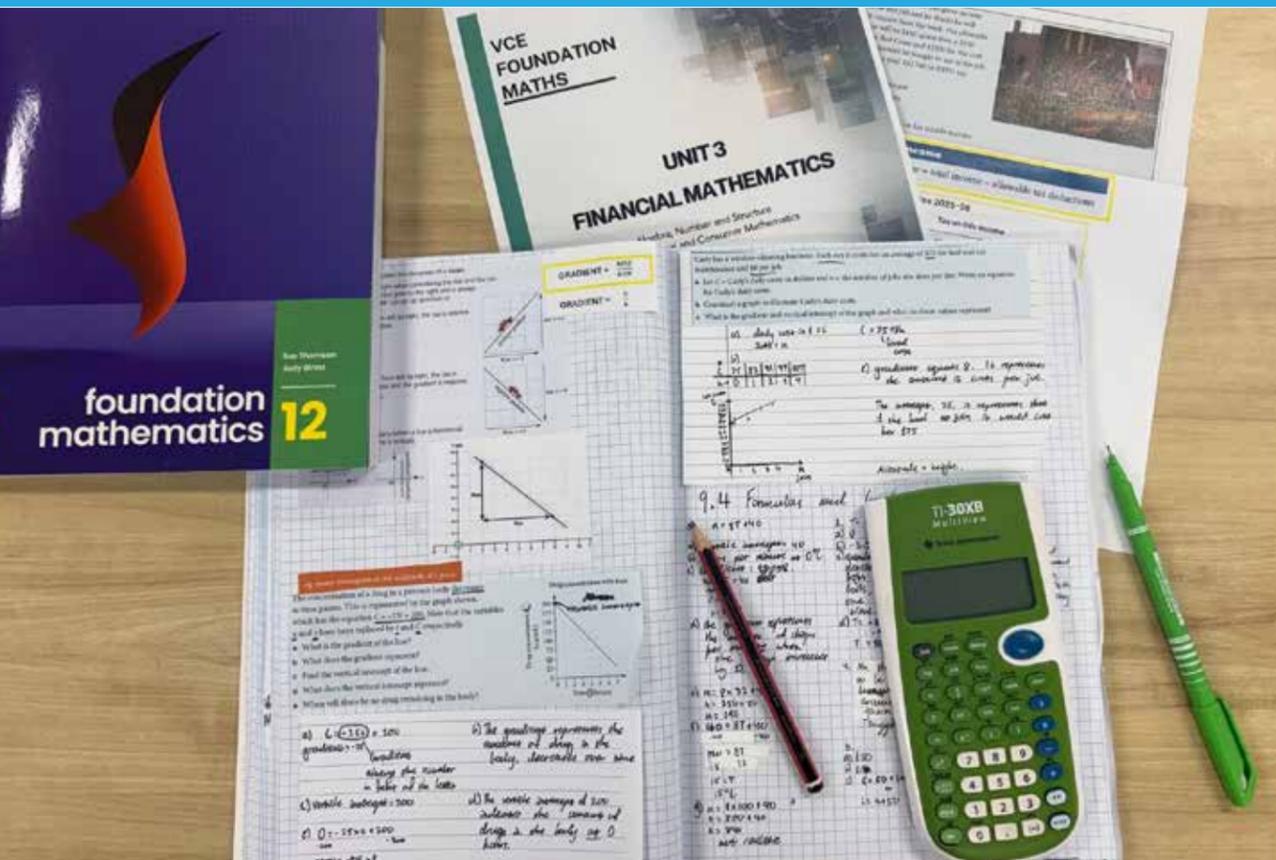
- Engineering and design
- Architecture and construction
- Health sciences and nursing
- Information technology and data science
- Game design and software development
- Business, finance, and economics
- Sports statistics and performance analysis
- Meteorology and climate science
- Trades and apprenticeships
- Community services and public sector roles

Why This Subject Matters?

Mathematics in Years 7–10 is foundational to students' future success. Beyond learning formulas and procedures, students develop resilience, critical thinking, and the ability to apply logical reasoning in real-world contexts. These years establish the skills, habits, and confidence that underpin success in VCE Mathematics, VCE VM, or VET pathways and open doors to a wide range of career opportunities. Strong mathematical foundations empower students to approach further study, the workplace, and everyday decisions with independence and clarity.



VCE Foundation Maths



Equipping students with the mathematics they will use in everyday life.

Subject Overview

VCE Foundation Mathematics focuses on using mathematics to solve real-world problems. Students develop confidence with essential skills in finance, measurement, statistics, and data while learning how mathematics applies to work, personal life, and the community.

Future Pathways

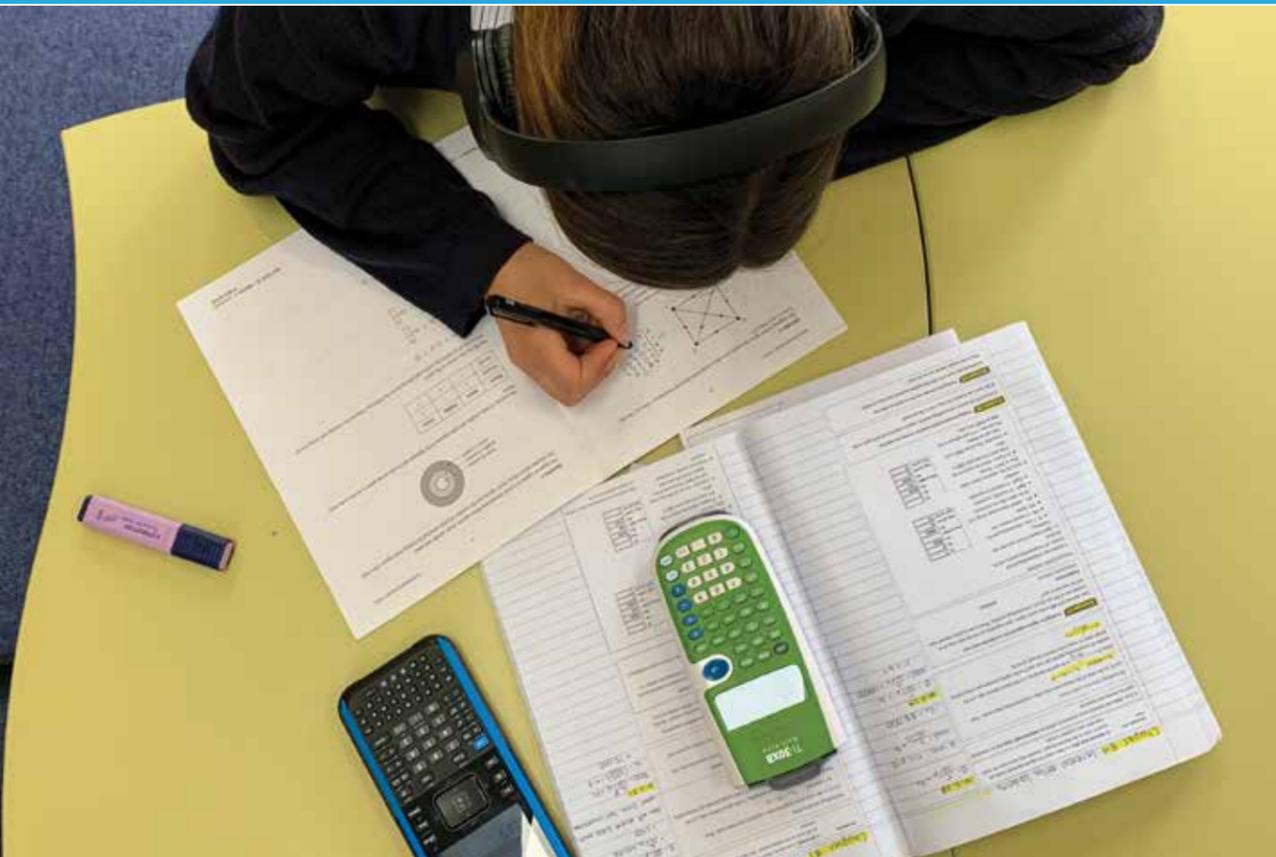
- Trades and apprenticeships
- Hospitality and retail
- Community services
- Aged care and health support roles
- Entry-level business and administration roles
- University courses that state "Any Maths"

Future Pathways

- Trades and apprenticeships
- Hospitality and retail
- Community services
- Aged care and health support roles
- Entry-level business and administration roles
- University courses that state "Any Maths"



VCE General Maths



Students learn highly specialised skills that are valued across many industries.

Subject Overview

VCE General Mathematics explores statistics, finance, networks, and data analysis in meaningful real-life contexts. Students develop strong problem-solving skills and learn how to interpret, analyse, and communicate information using mathematics and technology.

Future Pathways

- Registered Nurse
- Business Analyst
- Financial Planner
- Surveying Technician
- Information Technology Technician
- Teaching

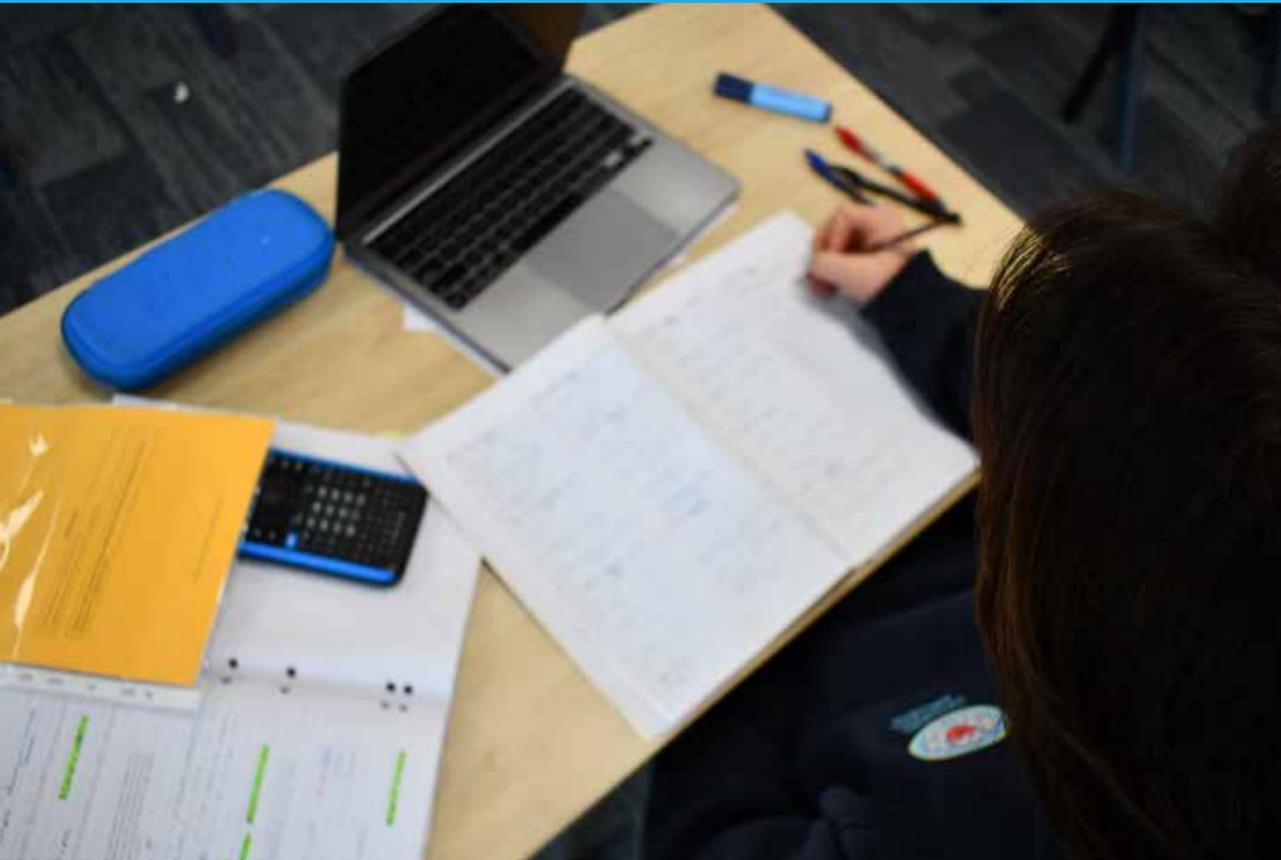
Why This Subject Matters?

General Maths develops critical thinking and data literacy skills needed in a data-driven world. Students learn how to model situations, analyse trends, and make informed decisions, skills that are highly valued across many industries.

Note: Always check the university course prerequisites to help choose the right VCE maths course.



VCE Maths Methods



Develops advanced problem solving and analytical thinking for future study pathways.

Subject Overview

VCE Maths Methods focuses on algebra, functions, calculus, probability, and statistics. Students learn to analyse change, model real-world situations, and justify solutions using mathematical reasoning and technology.

Future Pathways

- REngineer (Civil, Mechanical, Electrical)
- Software Engineer / Programmer
- Actuary
- Data Scientist / Statistician

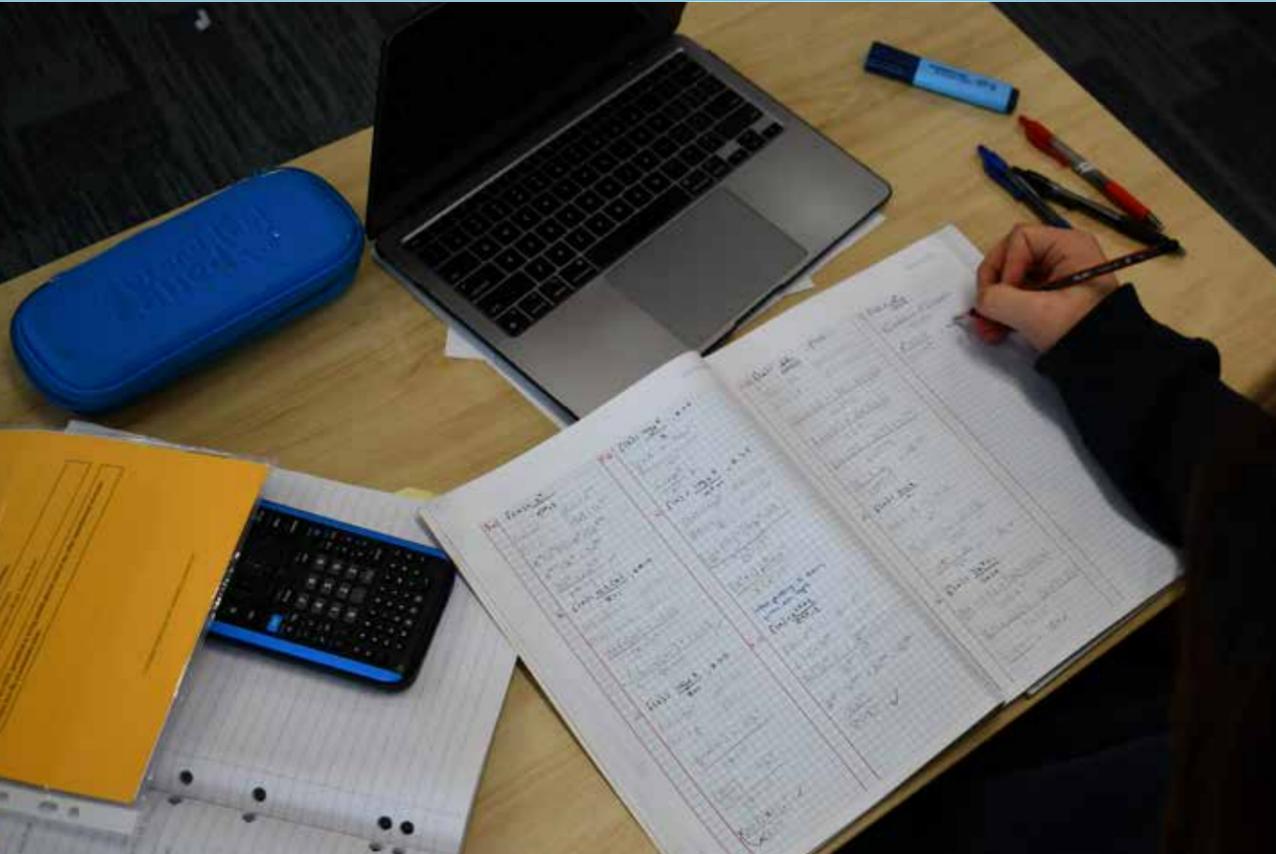
Why This Subject Matters?

Maths Methods develops advanced problem-solving and analytical thinking skills essential for STEM and university-based pathways. It prepares students for further mathematical study and supports success in a wide range of tertiary courses.

Note: Always check the university course prerequisites to help choose the right VCE maths course.



VCE Specialist Maths



Students gain strong mathematical foundations and abstract thinking.

Subject Overview

This course is for students who wish to undertake an in-depth study of mathematics, with an emphasis on mathematical structures, modelling, problem-solving, reasoning, and proof. It extends students' understanding of complex mathematical ideas alongside Maths Methods.

Future Pathways

- Engineer (Civil, Mechanical, Electrical)
- Software Engineer / Programmer
- Actuary
- Data Scientist / Statistician

Why This Subject Matters?

Specialist Maths develops high-level analytical and logical reasoning skills essential for advanced STEM pathways. It prepares students for university courses that require strong mathematical foundations and abstract thinking.

Note: Always check the university course prerequisites to help choose the right VCE maths course.



Yr 7-10 Humanities



From deep time to global tensions — understanding humanity, shaping the future.

Subject Overview

Humanities from Years 7 to 10 invites students into the unfolding story of humanity — beginning with the deep knowledge systems of First Nations Australians and the legacy of ancient civilisations such as Rome, where early ideas about power, citizenship and governance still shape the modern world. As students progress, they encounter ambitious societies like the Khmer Empire at Angkor and explore periods of upheaval in medieval Europe, seeing how cultures adapt to change, crisis and new ideas.

Then study shifts toward an interconnected and contested world where students explore the causes and consequences of World War I, investigate the challenge of designing sustainable cities, and culminate in Year 10 with studies of the Holocaust and World War II in the Pacific, examining how authoritarianism emerges and the moral lessons societies must confront when democracy and human dignity are threatened.

Humanities encourages students to become upstanders rather than bystanders, connecting past lessons with contemporary global challenges.

Future Pathways

- Diplomat or Foreign Affairs Officer shaping international relationships and negotiations
- Human Rights Lawyer advocating for justice and international law
- Geopolitical Risk Analyst advising governments and global companies
- Sustainability Strategist designing climate and environmental solutions
- Urban Planner / resilient and liveable cities
- Intelligence Analyst assessing global security threats
- Environmental Policy Advisor guiding conservation and climate policy
- Investigative Journalist analysing power, media and accountability
- International Development Specialist working with NGOs / UN

Why This Subject Matters?

Students are growing up in a world experiencing rapid change. Democratic institutions are being tested, authoritarianism is gaining ground in some regions, and global challenges such as climate change, conflict and technological disruption are reshaping everyday life. Humanities helps students make sense of this complexity. By understanding the past and analysing the present, they develop the capacity to think critically, engage respectfully and act with informed judgement. Ultimately, Humanities prepares students not just to understand the world, but to participate in shaping it.



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nurture evolve

Yr 9 Humanities Electives



Justice in the Spotlight
— Media, Ethics, and the Battle for Truth and Revolutions

Resistance — Steam Power and the Fall of the Dragon

Subject Overview

Justice in the Spotlight — Media, Ethics, and the Battle for Truth

Step inside the worlds of media, law and politics to uncover how truth is shaped in modern society. Students become journalists investigating a high-profile criminal case before entering Parliament to debate and amend controversial laws in a live simulation. Along the way, they discover how stories influence justice, public opinion and the health of democracy itself.

Revolutions and Resistance — Steam Power and the Fall of the Dragon

Travel to an era when industrial innovation transformed the world and empires fought to survive. From Europe's industrial revolution to the Qing Imperial Court of China, students explore how technology, trade and resistance reshaped global power. Through invention design and historical role-play, they uncover how moments of crisis force societies to choose their future.

Future Pathways

- Journalist or investigative reporter
- Lawyer or barrister
- Political advisor or policy analyst
- Media and communications specialist
- Diplomat or international relations analyst
- Economist or development specialist
- Entrepreneur or small business owner
- Historian or museum curator
- Asia-Pacific political analyst
- Human rights advocate

Why These Electives Matter?

Both electives explore a shared truth: the modern world is shaped by ideas; power and the stories people choose to believe. Students learn to question information, analyse competing perspectives and understand how decisions — whether made in a courtroom, newsroom or imperial palace — ripple across societies. In an age of rapid technological change and global tension, these subjects help students become thoughtful, informed young people who can interpret the world rather than simply react to it.



Yr 10 Humanities Electives



***Criminal Pursuit —
The Quest for Justice***

***International Studies
— The Fight for
Freedom and the New
Struggle for Democracy***

Overview

Criminal Pursuit — The Quest for Justice

Students dive into the legal system through gripping criminal and civil cases, mock trials and investigative challenges. From analysing landmark decisions of the High Court to solving fictional cases, they explore how laws are created, interpreted and applied, discovering how justice operates in contemporary Australia.

International Studies — The Fight for Freedom and the New Struggle for Democracy

This subject follows the global fight for freedom from the birth of the United Nations to the frontlines of today's conflicts. Students explore resistance to apartheid, Indigenous struggles for rights in Australia, Cold War tensions and the ongoing war in Ukraine. Through these stories, they examine how democracy, sovereignty and human rights are defended — and why they remain contested in the modern world.

Future Pathways

- Business manager/owner/entrepreneur
- Diplomat or foreign affairs officer
- Environmental scientist or conservation officer
- Accountant (Chartered, CPA, Financial, Management, Tax, Sustainability, Forensic, Law)
- Economist or business analyst
- Lawyer, barrister or human rights advocate
- Journalist or foreign correspondent
- Policy advisor or public servant
- Financial planner or investment analyst
- GIS specialist or urban planner
- Defence or geopolitical risk analyst

Why These Electives Matter?

These electives focus on understanding how the real world works — how laws affect daily life, how financial decisions shape opportunities, how global events influence Australia, and how human choices impact environments and communities. Students practice weighing evidence, considering consequences and recognising different perspectives. The aim is simple: to help young people think carefully, make informed decisions and better understand the systems they will interact with as citizens, workers and members of society.



Yr 10 Humanities Electives



National Geographic
— Exploring People,
Places and Wellbeing

Profit & Purpose —
Accounting, Business
& Economics

Overview

National Geographic — Exploring People, Places and Wellbeing

Students investigate the world through powerful real-world case studies, exploring inequality, culture, tourism and environmental change. From analysing global wellbeing to examining endangered species conservation, including a visit to Werribee Open Range Zoo, students discover how human choices shape communities, environments and the future of our planet.

Profit & Purpose — Accounting, Business & Economics

Step into the world of business, finance and decision-making. Students analyse real companies, explore how markets operate and test strategies through financial simulations and the Australian Stock Exchange game. By investigating risk, reward and corporate success — and failure — they learn how money, innovation and economic choices influence everyday life.

Future Pathways

- Business manager/owner/entrepreneur
- Diplomat or foreign affairs officer
- Environmental scientist or conservation officer
- Accountant (Chartered, CPA, Financial, Management, Tax, Sustainability, Forensic, Law)
- Economist or business analyst
- Lawyer, barrister or human rights advocate
- Journalist or foreign correspondent
- Policy advisor or public servant
- Financial planner or investment analyst
- GIS specialist or urban planner
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VCE Accounting



“You’ll need these skills in the future, so you may as well start learning them now.”

Subject Overview

VCE Accounting goes beyond the numbers, investigating the story behind them. You'll develop skills in preparing and analysing financial reports, identifying profitable opportunities, and managing risks.

This subject will equip you to advise decision-makers on critical strategies, whether you aspire to be a manager or business owner, entrepreneur, investor, or financial advisor. You'll understand how money moves and how to manage it ethically. Accounting will help you understand, shape, and thrive in your chosen career and the surrounding world!

Future Pathways

- Business Manager /Owner/Entrepreneur
- Management Consultant
- Project Manager
- Accountant (Chartered, CPA, Financial, Management, Tax, Sustainability, Forensic, Law)
- Chief Financial Officer (CFO)
- Investor/Dealer (Financial, Property, Equity or Share markets)
- Business Analyst
- Investment Banker
- Financial Planner
- Banking & Finance Professional
- Auditor
- Bookkeeper

Why This Subject Matters?

VCE Accounting can save you money in the long run, so you can pay less to an accountant!

The subject develops your understanding of the financial health of any enterprise. In an economy driven by data and innovation, those who can interpret and act on financial information hold the key to sound decision-making.

Whether you're aspiring to have a trade or a profession, VCE Accounting helps build the critical thinking, analytical and ethical skills needed to invest and support business success in a complex world. It's the language of business.



VCE Business Management



“In Business Management, we don’t just learn about the world - we learn how to run it.”

Subject Overview

From starting a company to leading a global transformation, Business Management gives you the mindset and skills of future leaders. Explore entrepreneurship, marketing, human resources, and change management. Learn what makes organisations succeed and how to innovate and grow in a competitive world.

Future Pathways

- Project Manager
- Operations Manager
- HR Manager
- Marketing Manager
- Supply Chain Analyst
- Management Consultant
- Entrepreneur
- Business Intelligence Developer
- Innovation Lead
- Change Management Specialist

Why This Subject Matters?

Business is everywhere, from social enterprises to multinationals. In a world demanding innovation, ethical leadership, and agility, Business Management equips students with the ability to problem-solve, lead teams, adapt to digital disruption, and drive social and economic impact. These are the skills that shape the future of work and the future of the world.



VCE Geography



“Geography helps us understand the connection between people, places, and environments in our ever-changing world.”

Subject Overview

Explore volcanoes, megacities, melting glaciers, and disappearing islands. VCE Geography reveals how humans and environments interact, from devastating natural disasters to mass tourism and climate-driven migration. Use maps, geospatial tech, and fieldwork to unlock the patterns and processes shaping our changing world.

Future Pathways

- Climate Adaptation Planner
- Geospatial Intelligence Analyst
- Disaster Risk & Resilience Officer
- Park Ranger
- Town and Urban Planner
- Surveyor
- Environmental Migration Specialist
- Environmental Health and Management Consultant
- GeoAI Developer
- Carbon Offset Strategist

Why This Subject Matters?

As climate change reshapes every corner of the globe, geographical thinking is critical. It helps us understand complex interconnections between people, places, and the planet and equips us with the tools to solve global challenges. From food security to urban overcrowding and disaster management, Geography provides the skills the world urgently needs.



VCE History



“History helps us understand the present by showing how past events have shaped the world we live in today.”

Subject Overview

Step into the shoes of rebels, rulers, and revolutionaries. VCE History lets you unpack the drama of empires, revolutions, and world-changing events. From the fall of Constantinople to the storming of the Winter Palace, you'll question power, challenge myths, and interpret real evidence. Discover the secrets behind how civilisations rose and fell – and why history always matters.

Future Pathways

- Museum Curator and Digital Archivist
- Social Media Manager
- Communications Adviser
- Heritage Manager
- University Lecturer and Academic Researcher
- Documentary Producer
- Public Historian
- Historical Consultant
- Digital Content Creator
- Cultural Tourism Officer

Why This Subject Matters?

History isn't about dusty dates - it's about power, people, and the stories that still shape our world. In a time of fake news and fierce division, History gives you the ultimate edge: the ability to uncover truth, challenge the spin, and connect past revolutions to today's biggest battles. This is your superpower.



VCE Legal Studies



“Get to know how our legal system works and how it has the power to shape so many aspects of our society.”

Subject Overview

VCE Legal Studies dives into the drama of the courtroom and the power of the law. You'll explore justice, rights, and reform through real cases and big issues - unpacking how laws shape society and how people fight to change them. It's bold, relevant, and packed with legal action.

Future Pathways

- Solicitor
- Barrister
- Project Manager
- Australian Federal Police Officer
- Migration Expert
- Privacy Lawyer
- Cybercrime Prosecutor
- Legal Tech Consultant
- Mediation Practitioner
- Court Administrator

Why This Subject Matters?

Law shapes every aspect of life, from your rights in school to the global fight for justice. Legal Studies helps students understand systems of power and how to use the law as a force for equity and reform. In a time of shifting norms, digital threats, and rising inequality, legal literacy is vital for defending democracy, advocating for the vulnerable, and creating a fairer society.



VCE Politics



“Politics gives you a broader perspective of your place as a global citizen. It’s knowledge that really sticks!”

Subject Overview

VCE Politics is your backstage pass to the world’s biggest power plays. From collapsing regimes to secret deals, you’ll uncover how leaders rise, alliances break, and global crises ignite. Explore weapons of mass destruction, armed conflicts, diplomacy, and ambition as you track real-world case studies and dissect how global actors fight, flex, and forge the future.

Future Pathways

- Intelligence Analyst
- Human Rights Lawyer
- Policy Advisor
- Diplomat
- Political Journalist
- Public Relations Manager
- International Development and NGO Program Manager
- Campaign Strategist
- Cybersecurity Expert
- Think-Tank Researcher
- Translator

Why This Subject Matters?

Politics isn’t just for politicians - it’s about fighting for your future in a world where democracy is under attack. As authoritarianism rises and global crises multiply, knowing how power works is power. VCE Politics arms you with the tools to cut through chaos, defend rights, and lead the charge for justice.



Yr 7-12 Languages



'With languages you are at home anywhere'
– Edmund De Waal

Subject Overview

In Languages you do not only learn to read, listen to and communicate in another language – you also explore your own identity, what truly matters to you and how you can connect with people from other backgrounds.

You train your memory, develop problem-solving skills, gain a profound understanding of your first language while significantly increasing your literacy skills, and think deeply about differences and similarities between another culture and things you might have always taken for granted.

You participate in fun, interactive and personalised classes where your ideas and curiosity form the basis of the curriculum. You will have the opportunity to take part in an exchange program to France or Germany in Year 10/11.

Future Pathways

Learning another language complements any career path! Whether you are a future scientist, health professional, teacher, architect, tradesperson, artist, IT expert, hospitality worker, public servant, fashionista, influencer, manager, traveller etc. etc. - The learning, thinking, problem-solving and literacy skills you gain by learning another language give you an edge in anything you aspire to be in the future.

Why This Subject Matters?

Speaking another language prepares you for exciting life adventures! You are able not only to buy food & drinks and find your way around a place in a different country but can also to engage with speakers of another culture at a much deeper level. You develop confidence and empathy and learn to understand others and yourself better. Learning a language at VCE level leads to a highly prized skill that gives your ATAR a significant boost and makes any job or university application stand out.



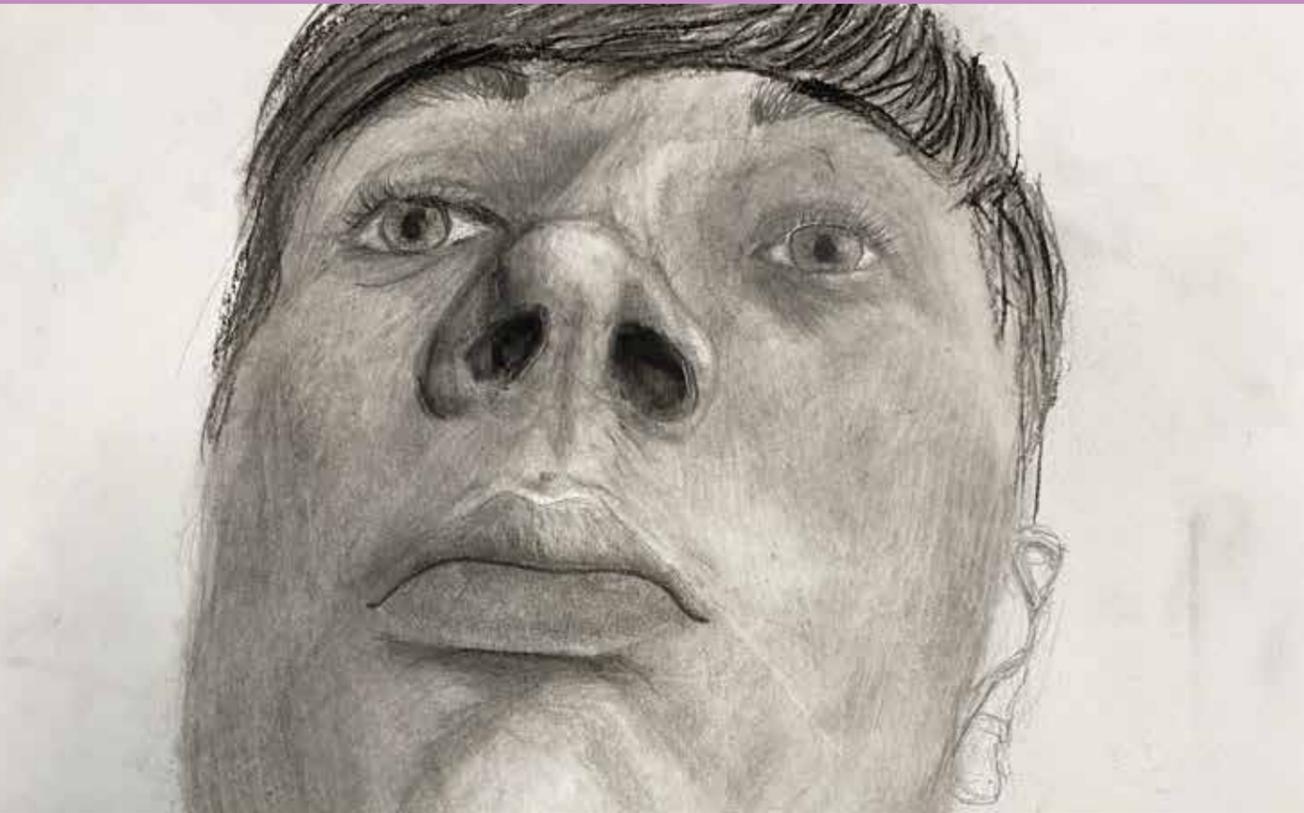
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Visual Art



*'Creativity
takes courage.'*
– Henri Matisse

Subject Overview

Geelong Lutheran College's Visual Arts program progresses from foundational exploration in Years 7–8, where students build skills in drawing, painting, printmaking, sculpture, and mixed media while expressing ideas creatively.

In Years 9–10, as an elective, it fosters personal style, conceptual themes, and folio preparation through diverse techniques.

In Years 11–12, VCE Art Creative Practice emphasises the creative process: Units 1–2 explore interpretive lenses, artist practices, and idea development across forms; Units 3–4 focus on establishing a studio practice, producing resolved artworks, and documenting via visual diary.

Student works are showcased at the biennial Art Technology Expo, nurturing creativity, critical thinking, and presentation skills.

Career Pathways

- Interior Designer
- Illustrator
- Art Director
- Curator
- Professional Artist / Visual Artist
- Multimedia Artist / Animator
- Art Educator / Teacher
- Photographer
- Fashion or Textile Designer
- Exhibition Designer

Why This Subject Matters?

Visual Arts gives students a creative outlet. It builds focus, patience, and boosts confidence. Through hands-on making, students develop creative thinking and resilience skills that help them express themselves authentically and prepare for an innovative future.



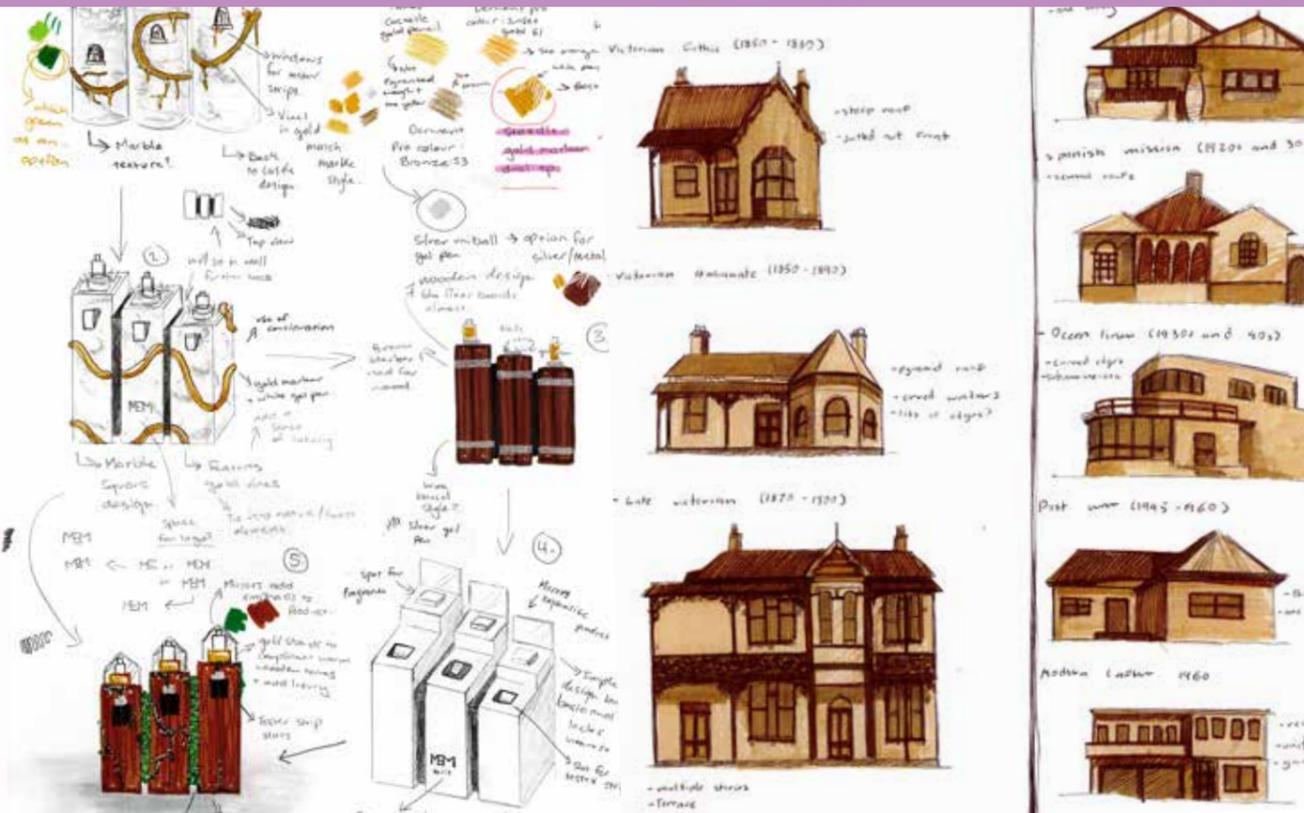
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Visual Communication Design



'Design is thinking made visual'
– Saul Bass

Subject Overview

Students explore the world of design and develop an appreciation for the extent to which our day to day lives are impacted by design. Design is all around us.

They examine the four fields of design practice, Messages, Objects, Environments and Interactive Experiences, and develop knowledge and understanding of each of them.

Students identify design problems and follow the VCD design process stages of Discover, Define, Develop and Deliver to create and present design solutions. They develop skills in digital design software and technical drawing in order to effectively communicate these design solutions.

Career Pathways

- Graphic Designer
- Interior Designer
- Architect
- Product Designer
- Animator
- Game Designer
- Marketing
- Advertising
- Set Design
- Print Designer
- Social Media Content Developer
- Concept Artist, Furniture Designer
- Creative Director
- Fashion Designer
- Brand Strategist
- Design Teacher
- VR Experience Designer
- Web Designer
- User Experience Designer

Why This Subject Matters?

Visual Communication Design helps to develop empathy as students are required to understand and unpack problems faced by groups of differing backgrounds, cultures and needs. In exploring what 'good design' is they develop an appreciation for the importance of placing the user at the heart of a design problem, putting other's needs ahead of their own. Problem solving skills are at the core of this subject as they fulfil the role of a designer in creating a solution to a design problem. Students also develop key skills in communication, critical reflection, providing feedback and collaboration.



Media



'Life depends on science but the arts make it worth living'
– John Martin

Subject Overview

Media Arts in the Australian Curriculum Version 9 develops students' skills to analyse, design, and produce media artworks, exploring representation, technologies, and audience meaning.

VCE Media focuses on critical study and practical production of media forms, examining narratives, institutions, and contexts while creating media products. Both emphasise media literacy, creativity, and reflective evaluation, but VCE deepens theoretical analysis and independent production for senior secondary assessment.

Career Pathways

- Film Director
- Video Editor
- Cinematographer
- Animator
- Sound Designer
- Broadcast Journalist
- News Presenter
- Social Media Manager
- Digital Content Creator
- Advertising Creative
- Media Producer
- Radio host or producer
- Graphic Designer
- Media researcher or analyst
- Performer

Why This Subject Matters?

Media is important because it helps people understand how images, stories and technologies shape beliefs, culture and identity. Studying media develops critical thinking, digital literacy and communication skills, enabling students to analyse bias, representation and influence. It also fosters creativity and technical production skills for modern careers. In a media-saturated world, these abilities empower individuals to interpret messages, make informed decisions and create responsible, meaningful media content.



Drama



‘Stories are how we make sense of our lives’

Subject Overview

Students explore communication skills and story-telling through voice, movement, focus and energy.

They work collaboratively to devise and present original performances.

They examine diverse dramatic elements, styles and conventions. Through rehearsal, reflection and live stage-plays, students refine communication and production skills.

They experience practical design by exploring lighting, costume, sets, props, sound and theatre technologies – all used to shape meaning and enhance each performance. Assessment includes presentations and written analysis.

Career Pathways

- Professional theatre
- TV
- Film
- Digital media
- Teaching
- Writing
- Production management
- Live shows
- Events
- Design (costumes, sets, lighting, sound),
- Voice-acting
- Communications
- PR
- Marketing
- Leadership roles.

Why This Subject Matters?

Advantages of taking part in Drama include a growth in confidence, creative thinking/problem-solving and communication skills. Students learn to express ideas clearly, think analytically and work on long-term collaborative team projects. Through role-play and performance, they can develop empathy because different perspectives/experiences are repeatedly explored. Drama often strengthens problem-solving, adaptability, personal resilience, public speaking and the enjoyment of school life as students respond to the excitement and challenge of devising, rehearsals and live performance. Most aspects of our Year 8 - 12 courses focus on lifelong skills to support positive relationships, academic success and future careers.



Music



'Music can change the world'
– Ludwig van Beethoven

Subject Overview

Music focuses on developing students' capacity to listen, compose, perform, and critically engage with diverse music from various styles, cultures, and traditions.

Students are engaged in active performance learning through the elements of music (rhythm, pitch, dynamics, timbre, texture, form, and structure) and explore music's role in personal, social, cultural, and community contexts, including First Nations Australians' music.

Students gain a knowledge of theoretical concepts and develop analytical skills through an aural-based curriculum that links practical music making to composition, arrangement and improvisation.

Career Pathways

- Musician
- Performer
- Singer/vocalist
- Songwriter
- Composer
- Music producer
- DJ
- Private music teacher/tutor
- School music teacher
- Audio engineer/recording engineer
- Live sound technician
- Music video director/editor
- Music manager/artist manager
- Music journalist/blogger
- Event coordinator/promoter
- Film/game composer
- Session musician

Why This Subject Matters?

Music provides students with a way to express themselves in a unique way. It develops students' imaginations and creative thinking as well as developing self-motivation, confidence and resilience. Music provides an avenue for students to perform, and engage with peers in a collaborative, supportive and nurturing environment.



Product Design



'Creativity is allowing yourself to make mistakes. Design is knowing which ones to keep'
– Scott Adams

Subject Overview

Product Design and Technology is a, creative, and technical subject where students act as designer-makers to create functional, sustainable, and innovative physical products. It covers the entire product lifecycle, from researching user needs to prototyping, testing, and evaluating, often utilizing CAD/CAM technologies, materials, and specialized tools.

Career Pathways

- Industrial Designer
- Product Designer (digital/hybrid)
- Web Designer
- Product Manager
- Design Engineer
- Sustainability consultant
- Entrepreneurship across sectors like automotive, tech, and manufacturing.

Why This Subject Matters?

Product design is a crucial subject because it bridges creative thinking with practical, real-world application, fostering skills in problem-solving, innovation, and technical proficiency that are essential for the 21st. Beyond simply creating objects, it teaches students to think critically about user needs, sustainability, and the ethical, legal, and cultural implications of design.



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Textiles



‘The desire to create is one of the deepest yearnings of the human soul’ – Dieter F. Uchtdorf

Subject Overview

Students explore the Textiles industry, the many products that are made as part of this industry, the innovations that are occurring in this industry, as well as the ethical considerations and sustainability considerations that exist.

Students investigate how fibres become fabrics and the processes that are then followed to convert fabrics into garments, accessories and products. They then apply this knowledge as well as skills they develop in the subject to design and create their own garments, accessories and products.

Career Pathways

- Fashion designer
- Dressmaker
- Milliner
- Pattern maker
- Textile designer
- Fashion buyer
- Stylist
- Fashion Illustrator
- Costume designer
- Upholsterer
- Homewares designer
- Interior designer
- Bio-materials researcher
- Artist
- Teacher
- Workshop facilitator
- Fashion brand owner
- Marketing
- Supply chain manager

Why This Subject Matters?

Students are able to make informed decisions when purchasing or considering Textiles products. They are able to consider the ethical and sustainability implications of the purchases they make. They have the practical skills to be able to make and mend their own clothes. Students develop skills in project management, managing time and planning and adhering to a timeline. They become great problem solvers and innovators, thinking creatively and critically.



Food Technology



‘Let food be thy medicine and medicine be thy food’ – Hippocrates

Subject Overview

Food Technology is both a practical and theoretical subject that integrates food science, nutrition, culinary skills, and food systems. Students learn how food is selected, prepared, processed, and evaluated.

The subject explores the history of food, cultural food practices, dietary needs across the lifespan, and the paddock-to-plate concept. It also examines environmental influences on food production and the role of technology in modern food manufacturing.

Career Pathways

- Science
- Health
- Business
- Hospitality
- Sustainability
- Innovation
- Food production
- Food manufacturing
- Food photography
- Food styling
- Food product development

Why This Subject Matters?

Food Technology matters because it extends far beyond cooking — it equips students with essential life skills, scientific understanding, and insight into careers in fields where food influences health, culture, the economy, and the environment.



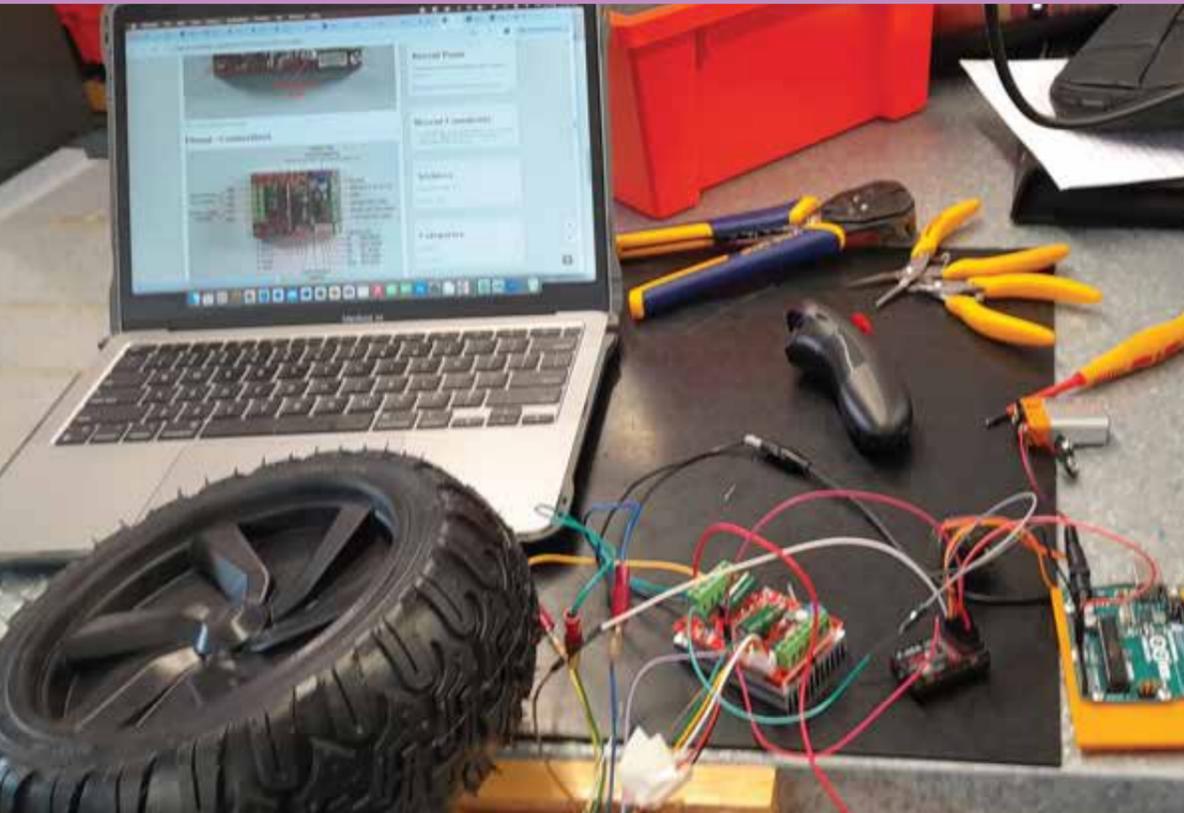
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Systems Engineering



‘The scientist discovers a new type of material or energy and the engineer discovers a new use for it’ – Gordon Lindsay Glegg

Subject Overview

Systems Engineering students study the engineering principles that are used to explain the physical properties of integrated systems and how they work through designed and planned operational, mechanical-electrotechnology integrated and controlled system. Students use fundamental physics and applied mathematics to solve systems engineering problems.

Students also gain an understanding of energy sources and the application of technologies to convert energy sources into power for engineered systems. They analyse and compare the benefits, limitations and impacts of using different forms of energy sources, including the wastes that are produced for sustainable future.

Career Pathways

- Science
- Systems Engineer
- Manufacturing
- Mechatronics
- Robotics Engineering
- Programming
- Civil Engineer
- Electrical Engineer
- Space and Aeronautical Engineering
- Systems Analyst
- Software Engineer
- Biosystems Engineer
- Logistics Systems Engineer
- Industrial Systems Engineer
- Product Development Systems Engineer

Why This Subject Matters?

Systems Engineering matters because it teaches students how complex technologies work in the real world. By applying physics, mathematics, and engineering principles, students learn to analyse, design, and improve mechanical-electrotechnology systems used in modern industries. The subject develops problem-solving, critical thinking, innovation, and technical literacy—skills that are essential for future careers in engineering, manufacturing, renewable energy, robotics, and advanced technologies. Students gain the ability to evaluate different energy sources, understand sustainable design, and create solutions that address real-world needs.



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Digital Technology

```
15
16
17 #Google Drive API Setup
18 SCOPES = ['https://www.googleapis.com/auth/drive.file']
19
20 #Initializing the Google Drive API
21 def get_drive_service():
22     creds = None
23     credentials_path = os.path.join(os.path.dirname(__file__), "credentials.json")
24     if os.path.exists('token.pickle'):
25         with open('token.pickle', 'rb') as token:
26             creds = pickle.load(token)
27     if not creds or not creds.valid:
28         if creds and creds.expired and creds.refresh_token:
29             creds.refresh(Request())
30         else:
31             flow = InstalledAppFlow.from_client_secrets_file(credentials_path, SCOPES)
32             creds = flow.run_local_server(port=0)
33         with open('token.pickle', 'wb') as token:
34             pickle.dump(creds, token)
35     service = build('drive', 'v3', credentials=creds)
36     return service
37
38 def get_drive_storage_info():
39     #Get Google Drive Storage usage Information
40     try:
41         service = get_drive_service()
42         about = service.about().get(fields='storageQuota').execute()
43         quota = about.get('storageQuota', {})
44
45         #Get Storage limits and usage
46         total = int(quota.get('limit', 0))
```

Create the future — don't just use technology, design it.

Subject Overview

VCE Applied Computing is about creating smart digital solutions to real-world problems.

You'll explore data analytics, programming, cyber security, and emerging technologies while learning how to think like a designer and problem-solver.

Using computational and systems thinking, you'll develop practical skills to build and evaluate digital solutions, while considering legal, ethical and social impacts in today's technology-driven world.

Career Pathways

- Artificial Intelligence Engineer
- Cyber Security Analyst
- Data Scientist
- Software Developer
- Game Developer
- Robotics Engineer
- Cloud Computing Specialist
- Ethical Hacker
- Systems Analyst
- UX/UI Designer

Why This Subject Matters?

VCE Applied Computing matters because digital skills are essential in almost every career. You'll learn programming, data and cyber security skills that employers are looking for, and build the confidence to create your own solutions. This subject opens pathways to university, TAFE and industry, and prepares you for future jobs in areas like AI, game development, business, health and technology.



Year 7-10 PE



‘Move your body, discover your limits, and unlock your potential through sport and fitness.’

Subject Overview

Across Years 7–10 Physical Education, students develop fitness, movement skills and game understanding through athletics, cross country, team sports, striking games and dance. Students' complete fitness testing to set personal goals, develop baseline levels and progress their fitness components for lifelong physical activity behaviours.

Students learn sport-specific techniques and analyse performance through exposures in Peer Teaching, SEPEP units, COERVER and Indigenous games. Students can further represent the College in the Geelong Independent School Sports Association (GISSA) programs which promotes confidence, resilience and healthy participation.

Future Pathways

- Physical Education teacher
- Coach
- Physiotherapist
- Exercise scientist
- Personal trainer
- Sports manager
- Health worker
- Defence / emergency services
- Sports psychologist
- Sports data analyst

Why This Subject Matters?

Physical Education helps students develop lifelong healthy habits and confidence in movement. In secondary Physical Education, students learn how to set goals, track progress and understand their fitness levels. They develop resilience through competition, teamwork through games, and leadership through practical activities. Regular physical activity supports mental wellbeing, focus and overall health. By building fundamental movement skills and positive attitudes toward exercise, students create a strong foundation for future sport participation, senior Physical Education studies and an active, balanced lifestyle.



Junior Health



'Healthy choices today build a stronger tomorrow.'

Subject Overview

Across Junior Health, students analyse factors that influence identities and responses to change and describe strategies to support themselves and others in responding to these influences.

They analyse how stereotypes, respect, empathy and valuing diversity influence relationships.

They analyse factors that influence emotional responses and justify strategies to manage emotions. Students analyse the effectiveness of assertive communication strategies, protective behaviours and help-seeking strategies applied online and offline.

Future Pathways

- Nursing
- Psychology
- Social work
- Youth work
- Community services
- Teaching
- Counselling
- Health Promotion
- Emergency services.

Subject Overview

Across Junior Health, students analyse factors that influence identities and responses to change and describe strategies to support themselves and others in responding to these influences.

They analyse how stereotypes, respect, empathy and valuing diversity influence relationships.

They analyse factors that influence emotional responses and justify strategies to manage emotions. Students analyse the effectiveness of assertive communication strategies, protective behaviours and help-seeking strategies applied online and offline.



VCE Outdoor & Environmental Studies



'Adventure, challenge, and learning beyond the classroom.'

Subject Overview

VCE Outdoor and Environmental Studies explores how people understand, experience and maintain healthy relationships with outdoor environments. Students investigate a wide range of natural settings from coastal and marine areas to forests, grasslands and alpine regions. Students develop knowledge of ecological characteristics, environmental history and human influences on the environment.

Learning is both practical and theoretical: students participate in activities such as hiking, camping, climbing, canoeing and conservation-related experiences to build experiential understanding, while examining sustainability, land management practices, environmental change, and the social and cultural perspectives that shape human-nature interactions.

Future Pathways

- Parks Victoria Ranger
- Outdoor Education Leader / Outdoor Education Teacher
- Activity Instructor (surfing, canoeing, mountain biking, skiing, etc.)
- Conservationist
- Environmental Research / Environmental Science roles
- Land and Fire Management
- Zookeeper
- Nature-based Tourism
- Land Management and Environmental Policy roles

Why This Subject Matters?

Outdoor and Environmental Studies develops students' appreciation for natural environments and their understanding of sustainability, environmental protection and responsible outdoor participation. It encourages students to consider how human activities have shaped environments throughout history and how we can ensure their health into the future. In addition, students develop critical thinking about issues like climate change, biodiversity preservation, and the impacts of recreational and commercial activities on natural spaces. These understandings prepare students to make informed decisions about environmental stewardship and contribute positively to Australia's future environmental health.



VCE Health & Human Development



‘Explore how health shapes individuals, communities, and the world.’

Subject Overview

VCE Health and Human Development invites students to think bigger about what health really means. Grounded in the World Health Organization definition, students explore physical, social, emotional, mental and spiritual dimensions of wellbeing. They investigate how biological, sociocultural and environmental factors interact across the lifespan and around the globe to shape health and human development. Students analyse Australia’s healthcare system, evaluate global health initiatives and consider the UN Sustainable Development Goals through a lens of social justice. Along the way, they build strong health literacy—learning to question, critique and take informed, meaningful action.

Future Pathways

- Health Promotion Officer
- Aged or Disabled Services Officer
- Nursing
- Speech Therapist
- Occupational Therapist
- Massage Therapist
- Counsellor
- Pharmacist
- Medical Assistant
- Paramedic
- Massage Therapist
- Environmental Health Officer
- Midwife
- Psychologist
- Personal Trainer
- Physiotherapist

Why This Subject Matters?

VCE Health and Human Development is important because it equips students with the knowledge and skills to understand health in a complex, real-world context. It moves beyond personal wellbeing to examine how biological, sociocultural and environmental factors shape health outcomes locally and globally. Students develop strong health literacy, learning to critically analyse information, challenge inequities and apply social justice principles. In a world filled with health messages and global challenges, VCE HHD empowers students to think critically, act responsibly and understand their role in improving health and wellbeing.



VCE Physical Education



‘Understand the science of performance, training and human movement.’

Subject Overview

VCE Physical Education invites students explore how the human body works during physical activity and how performance can be improved. Students study fitness components, training methods and principles, energy systems, biomechanics and skill acquisition. They also investigate factors that influence participation in physical activity, including health, lifestyle and social influences. Students apply theory to real sporting examples and use data to analyse performance and training outcomes.

Future Pathways

- Physiotherapist
- Exercise Scientist
- Sports Coach
- Personal Trainer
- PE Teacher
- Strength and Conditioning Coach
- Sports Trainer
- Sport and Recreation Officer
- Dietitian / Nutritionist
- Sports Psychologist
- Health Promotion Officer
- Sports Scientist

Why This Subject Matters?

VCE Physical Education helps students understand how the body responds to exercise and how training can improve performance and overall health. It gives students valuable knowledge about fitness, movement and physical activity, and supports informed decision-making about lifelong participation in sport and exercise. This subject also provides a strong foundation for further study in health, sport and human movement pathways.



VCE VM Work Related Skills (WRS)



*‘Your future
isn’t found
— it’s built
with skills.’*

Subject Overview

VCE VM Work Related Skills is where ambition meets action. You’ll analyse growth industries, develop employability skills, master recruitment processes and build a professional portfolio designed for real employers. Through applied learning, industry connections and authentic tasks, you won’t just learn about the workplace — you’ll practise being part of it.

Subject Overview

VCE VM Work Related Skills is where ambition meets action. You’ll analyse growth industries, develop employability skills, master recruitment processes and build a professional portfolio designed for real employers. Through applied learning, industry connections and authentic tasks, you won’t just learn about the workplace — you’ll practise being part of it.

Future Pathways

- Apprenticeships and Trades (plumbing, carpentry, automotive)
- Community Services and Youth Work
- Health and Allied Health
- Hospitality and Tourism
- Retail and Business
- Sport and Recreation
- Early Childhood Education
- Defence and Emergency Services
- Creative Industries and Media
- TAFE and further vocational study



VCE VM Personal Development Skills (PDS)



'PDS showed me how small changes can make a big difference.'

Subject Overview

This subject focuses on students develop the skills, confidence, and knowledge. It supports students to build practical abilities that can be applied both inside and outside the classroom. Such as, communication, teamwork, problem-solving, and goal setting.

In PDS, students explore their personal strengths, interests, and future goals while developing important life and workplace skills. Through a range of hands-on activities, projects, and real-world experiences, students learn how to make informed decisions, manage their time, and take responsibility for their actions.

The subject also encourages students to become more independent, resilient, and engaged members of their community. Students may take part in leadership opportunities, community projects, and activities that help them understand their role in society and the workplace.

Future Pathways

- Apprenticeships and Trades (plumbing, carpentry, automotive)
- Community Services and Youth Work
- Health and Allied Health
- Hospitality and Tourism
- Retail and Business
- Sport and Recreation
- Early Childhood Education
- Defence and Emergency Services
- Creative Industries and Media
- TAFE and further vocational study

Why This Subject Matters?

Personal Development Skills matters because it prepares students for life beyond school, not just exams. It helps them build confidence, understand their strengths, and develop the practical skills needed for work, further study, and everyday challenges. Through real-world experiences and personal goal setting, PDS supports students to become more independent, responsible, and capable young adults.



VET Certificate II Workplace Skills



*'Get the skills.
Get the job.
Get ahead.'*

Subject Overview

Want to feel confident walking into your first job? This nationally recognised VET course teaches real-world skills employers expect from 15–17 year olds entering the workforce. You'll learn how to communicate professionally, write emails, answer phones, use business software, manage your time, and work effectively in a team. Classes are hands-on and practical — no boring theory overload. You'll complete real workplace-style tasks that build confidence and prepare you for part-time jobs, traineeships, or your future career.

Future Pathways

This course sets you up for entry-level roles such as retail assistant, office junior, receptionist, customer service assistant, or business trainee. It's also a strong pathway into Certificate III in Business, school-based traineeships, or the Vocational Major. If you're thinking about running your own business one day, working in sport, events, trades, health or hospitality — these core workplace skills give you a head start in any industry.

Why This Subject Matters?

Employers don't just look for grades — they look for attitude, reliability and workplace skills. This subject helps you stand out. You'll build confidence speaking to adults, working in teams, managing deadlines, and using digital tools professionally. It's about becoming job-ready while still at school. Whether you want part-time work now or big career goals later, Certificate II in Workplace Skills gives you practical skills that matter in the real world.



VCE VM Numeracy



Emphasising practical decision making and real world application.

Subject Overview

Numeracy builds the Maths skills you need for real life. You'll apply number, measurement, data and problem-solving to everyday situations such as budgeting, work tasks, health, and community issues. Using technology and practical investigations, you'll learn to think mathematically, make informed decisions, and confidently communicate your solutions.

Future Pathways

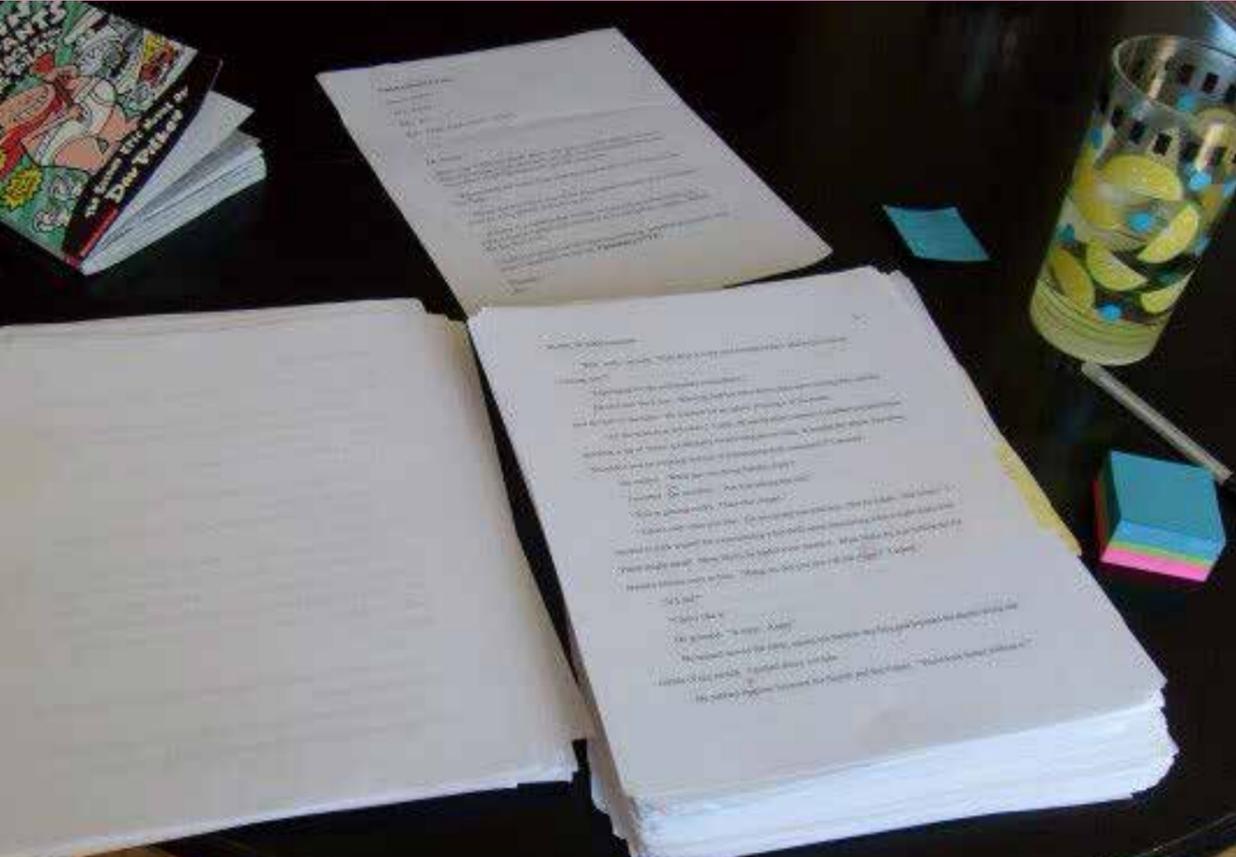
- Apprenticeships and Trades (plumbing, carpentry, automotive)
- Community Services and Youth Work
- Health and Allied Health
- Hospitality and Tourism
- Retail and Business
- Sport and Recreation
- Early Childhood Education
- Defence and Emergency Services
- Creative Industries and Media
- TAFE and further vocational study

Why This Subject Matters?

VCE VM Numeracy matters because it prepares you for real life. It helps you manage money, plan your time, understand risk, and solve everyday problems at work and in the community. You'll build confidence using maths and technology so you're ready for independent living, further study, and employment.



VCE VM Literacy



"Literacy in VM feels real – we're learning skills we'll actually use in the workplace and in life, not just for an exam."

Subject Overview

VCE VM Literacy develops the knowledge and skills required to confidently read, write, speak, listen and view texts in real-world contexts. Students interpret and create print, digital, visual and oral texts for workplace, community and personal purposes. The course follows an applied learning model, connecting classroom learning to authentic experiences and vocational pathways

Future Pathways

- Apprenticeships and Trades (plumbing, carpentry, automotive)
- Community Services and Youth Work
- Health and Allied Health
- Hospitality and Tourism
- Retail and Business
- Sport and Recreation
- Early Childhood Education
- Defence and Emergency Services
- Creative Industries and Media
- TAFE and further vocational study

Why This Subject Matters?

VCE VM Literacy matters because it equips students with the practical communication skills needed for adult life — in the workplace, further training and the community. It builds confidence to read, write, speak and engage with real-world texts so students can advocate for themselves, make informed decisions and step successfully into their chosen pathway.

