



Glenroy College

Year 10
Subject Guide
2027

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Introduction

This handbook is a resource for students, parents and guardians to better understand the different pathways and subjects available to study in Year 10, and where they may lead.

There are three main pathway options for Year 10 students at Glenroy College:

- **Year 10 Mainstream**: Students study 10 subjects across the year, to make informed decisions about their Year 11 and 12 pathways and subjects
- **Kangan Build 10**: Students attend Kangan TAFE 2 days per week and gain hands-on experience in building and construction
- **Year 10 VPC**: The Victorian Pathways Certificate is a more flexible program that allows students to develop literacy, numeracy, work and personal skills, while also gaining work experience and completing a VET course.

Year 10 Mainstream

- English (year long): Foundation or Mainstream
- Maths (year long): Foundation or Mainstream or Extension
- 8 semester-long subjects (4 in Semester 1, 4 in Semester 2)

Year 10 Kangan Build 10

- 2 days per week: hands-on construction learning at Kangan TAFE
- Reduced number of subjects at Glenroy College

Year 10 VPC

- 3 days: Literacy, Numeracy, Work Skills, Personal Skills
- 1 day: VET course
- 1 day: Work Experience

Year 10 Mainstream

- Students study 10 subjects: English and Maths (year-long subjects) and 8 semester-long subjects
- Students must study General Science, plus one other Science subject, plus one Humanities subjects
- Students can select any 5 other electives
- **EXTENSION OPPORTUNITIES:** Students may apply to study a Year 11 VCE or VET subject as part of their Year 10 program

Example Year 10 Mainstream Program

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6
Semester 1	English or EAL	Maths (Foundation, General or Extension)	General Science	Art	Digi-Tech: Robotics	Psychology
Semester 2	English or EAL	Maths (Foundation, General or Extension)	Humanities: History	Extra Science: Chemistry	Food Studies	Literature

Example Year 10 Extension Program

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6
Semester 1	English or EAL	Maths (Foundation, General or Extension)	General Science	Art	Digi-Tech: Robotics	VCE Psychology Unit 1
Semester 2	English or EAL	Maths (Foundation, General or Extension)	Humanities: History	Extra Science: Chemistry	Food Studies	VCE Psychology Unit 2

Kangan Build 10 Program

- Designed to accelerate students' pathways into the building and construction industry
- Students gain a Certificate III qualification in Year 10 (usually achieved in Year 12)
- Students attend Kangan TAFE 2 days per week and Glenroy College 3 days per week
- Students complete 2 fewer subjects per semester
- Kangan Build 10 Students will usually move into VCE VM, an apprenticeship or TAFE in Year 11

Example Kangan Build 10 Program

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6
Semester 1	English or EAL	Maths (Foundation, General or Extension)	General Science	Art	KANGAN TAFE	KANGAN TAFE
Semester 2	English or EAL	Maths (Foundation, General or Extension)	Humanities: History	Extra Science: Chemistry	KANGAN TAFE	KANGAN TAFE

VPC: Victorian Pathways Certificate

- A flexible and supportive program for students in Year 10, 11 or 12
- Students study literacy, numeracy, work skills and personal development skills
- Students complete a VET course (usually at Glenroy College)
- Students undertake work experience 1 day per week
- VPC students will usually move into VCE VM, TAFE, Apprenticeships or Full-time work

Example Year 10 VPC Program

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6
Semester 1	VPC Literacy	VPC Numeracy	VPC Work Related Skills	VPC Personal Development Skills	VET Course: Employment Pathways	Work Experience (Off Site)
Semester 2	VPC Literacy	VPC Numeracy	VPC Work Related Skills	VPC Personal Development Skills	VET Course: Employment Pathways	Work Experience (Off Site)

Pathways into Year 11 and 12

The three main options in Year 11 and 12 are VCE, or VCE VM or VPC. The wide range of subjects offered in Year 10 allow students to make an informed choice about which pathway to take in Year 11 and 12.

The Victorian Certificate Of Education (VCE)

- VCE provides a wide range of pathways to further study, training or employment.
- It is the only senior certificate that provides you with an ATAR score, which is required for many university courses.
- VCE is the most academically rigorous option, and requires students to complete exams at the end of Year 12.

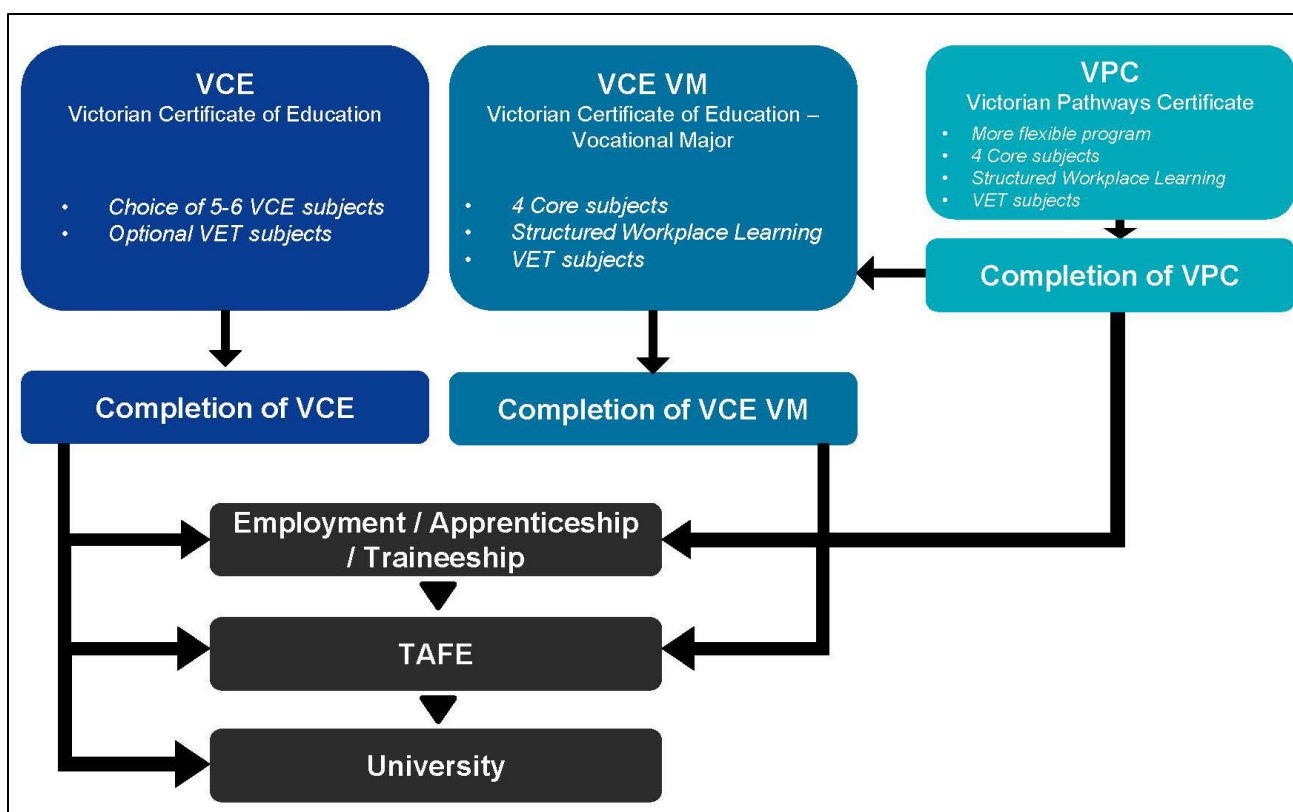
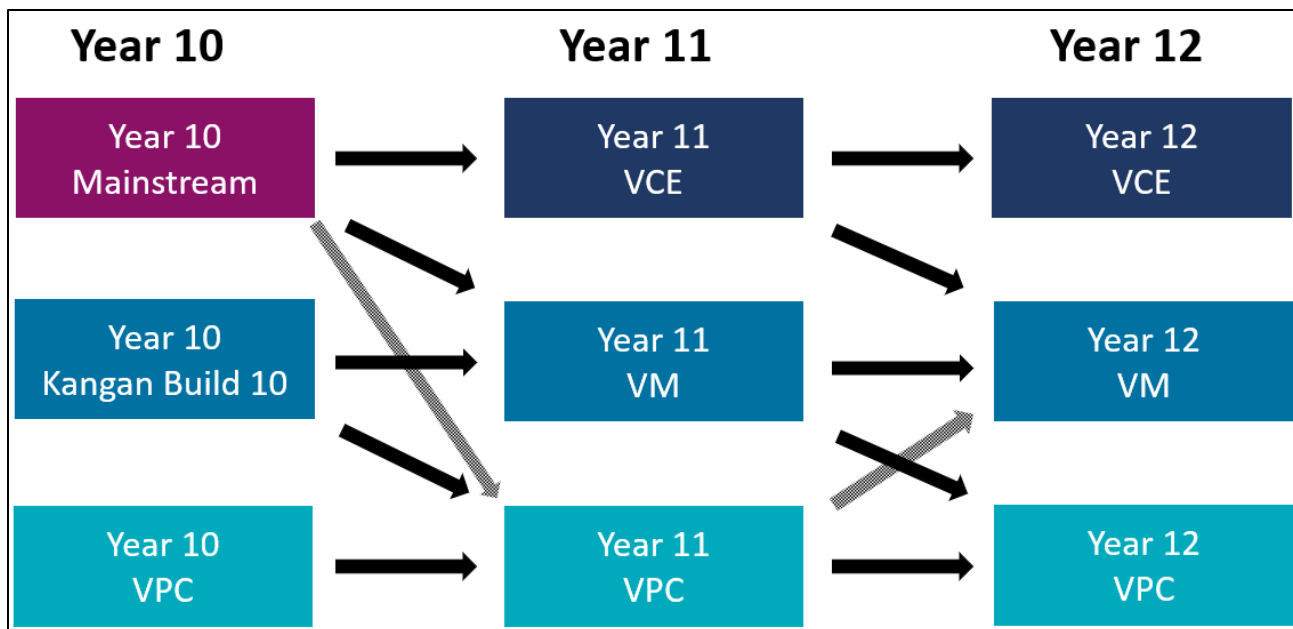
VCE Vocational Major (VM)

- VCE VM provides a more hands-on and vocational learning context focused on work skills and experiences.
- It enables students to transition into apprenticeships, traineeships, further education and training.
- VM Students do not have to sit exams (except for the GAT) and therefore will not get an ATAR.

Victorian Pathways Certificate (VPC)

- The Victorian Pathways Certificate (VPC) is a more inclusive, flexible option to complete your senior secondary studies
- The VPC is normally completed in Year 11 and 12, but it can be started in Year 10 and/or can be finished over three years.
- Some students will use it as a pathway to the VCE, VCE VM, or VET certificates.

Pathways into Year 11 and 12



Year 10 Subjects Offered

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2027 Arts Subjects

Art

Description

"Art is not what you see, but what you can help others see." Degas.

Students will develop their creative skills and talents in perspective drawing, printmaking, drawing, painting and selected art forms.

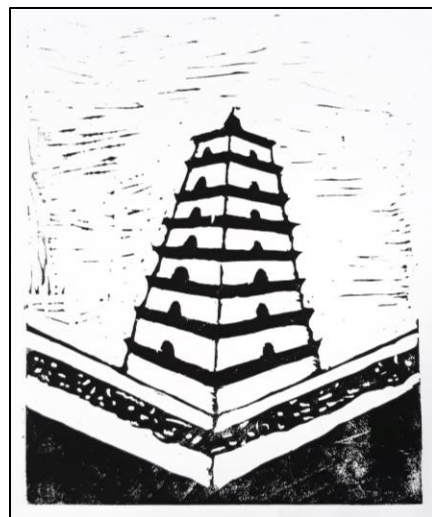
Students will explore the artworks and creative art practices of artists to inspire and inform their own artmaking and to develop a deeper knowledge of how visual language can be used to persuade, influence and inform.

Which Year 11 Subject(s) could this lead to?

- VCE Art
- VCE Media Studies

What future careers could this lead to?

Graphic Designer	Web Designer
Artist	Illustrator
Interior Designer	Animator
Art Curator	Art Teacher
Art therapist	Architect
Video Game Designer	Video Editor



What knowledge and skills will I build?

- Critical and Creative problem solving.
- The ability to plan, develop, evaluate, revise and refine ideas.
- Develop and enhance fine motor skills.
- Develop visual aesthetics.
- Increased analytical skills of images and the use of visual language to understand and comprehend visual persuasion.
- Project management skills and working to specified timeframes.
- To have the courage to make mistakes and learn from them.

WHAT ELSE DO I NEED TO KNOW?

Students may attend external visual displays as part of developing their capacity to read and analyse artworks, e.g. art galleries, special art displays, Top Arts.

Drama

Description

This class will turn the words on the page into the performance on the stage. Students will explore the development and creation of character from given text and/or stimuli. Through experiments with different character creation ideologies, students will first create a solo performance, then work collaboratively to create an ensemble performance for an external audience.

Which Year 11 Subject(s) could this lead to?

- VCE Drama
- VCE Theatre Studies

What future careers could this lead to?

- Media production areas: Radio, Television, Podcast, Streaming
- Professional Stage: Front of house, backstage, chorus, etc.
- Business Promotional work



What knowledge and skills will I build?

- Increased analytical skills of language for communication
- Project management and organisation skills
- Collaboration and team work skills
- Creative problem solving and trialling and error experimenting
- Further development of a visual aesthetic

WHAT ELSE DO I NEED TO KNOW?

If possible, students may be asked to attend an external professional stage performance to enhance and develop their understanding of live performance.

Media Studies

Description

“Whoever controls the media, controls the mind” – Jim Morrison, 1969.

Students will spend 60% of their time developing skills and techniques using cameras and movies. They will plan, develop and create a Media Production Design before filming and editing the finished product.

Students will look at media influence, digital technologies and the media industry as part of their 40% theory work.

Which Year 11 Subject(s) could this lead to?

- VCE Media Studies
- VCE English
- VCE Literature

What future careers could this lead to?

- Journalism, writing, editing
- Advertising
- Creative industries: Film, Television, Radio, Podcast, Streaming



What knowledge and skills will I build?

- Increased analytical skills with image and language
- Project management
- Collaboration and team work skills
- Creative problem solving through trialling ad experimenting
- Further developing a visual aesthetic

WHAT ELSE DO I NEED TO KNOW?

Materials required:

- USB to burn copy of final film

Music Performance

Description

“Where words fail, music speaks”
– Hans Christian Andersen, 1850.

Students explore a wide range of styles through the practice of performing, creating and studying music, both as a solo and in a group. The key focus of this class is building musicianship and performance skills.

Which Year 11 Subject(s) could this lead to?

- VCE Music Performance

What future careers could this lead to?

- Music Session performer
- Music teacher
- Band member



What knowledge and skills will I build?

- Increased analytical skills
- Project management
- Collaboration and team work skills
- Creative problem solving through trialling and experimenting
- Further developing a audio aesthetic

WHAT ELSE DO I NEED TO KNOW?

Students who are considering studying music must be enrolled in the Glenroy College Instrumental Program (at no extra cost).

Photography

Description

In this subject students will learn how to use a wide range of photographic tools and techniques. Students will have the opportunity to use digital and film cameras.

Students will create a portfolio that showcases the range of skills and techniques they have learnt.

Which Year 11 Subject(s) could this lead to?

- VCE Art
- VCE Media Studies

What future careers could this lead to?

- Photographer
- Photo-journalist
- Artist
- Advertising / Marketing
- Film or Television



What knowledge and skills will I build?

- Camera types and purposes
- Lens types and purposes
- Photo composition elements
- Film developing
- Film and photograph editing

WHAT ELSE DO I NEED TO KNOW?

Glenroy College will provide the equipment required for this subject

2027 English Subjects

English/EAL

Description

Year 10 English and English as an Additional Language (EAL) involves reading, interpreting, creating, and evaluating diverse literary and media texts.

Students develop a critical understanding of contemporary media and explore national and global issues.

They create a variety of texts, which can include creative writing, analytical responses and oral presentations.

Which Year 11 Subject(s) could this lead to?

- VCE English / EAL
- VCE Literature
- VCE VM Literacy

What future careers could this lead to?

- Writer / Journalist
- Teacher
- Librarian
- Lawyer
- Artist



What knowledge and skills will I build?

- Reading and Viewing: Read and analyse a range of texts.
- Writing: Create a range of texts to develop your own ideas.
- Speaking and Listening: Explain different perspectives and attitudes and present ideas through oral presentations.

WHAT ELSE DO I NEED TO KNOW?

You must study an English subject in both Years 11 and 12.

This can be English, English as an Additional Language, or Literature or a combination

Literature

Description

Literature is the study of written texts including poetry, drama and narrative texts.

Students undertaking the Year 10 Literature elective will study a range of texts. These may include Shakespeare's sonnets, the poetic works of Edgar Allan Poe, and collections of short stories including the works of Maxine Beneba Clarke and others.

Which Year 11 Subject(s) could this lead to?

- VCE English / EAL
- VCE Literature

What future careers could this lead to?

- Writer / Journalist
- Teacher
- Librarian
- Lawyer
- Artist



What knowledge and skills will I build?

- Read and analyse a range of literary texts
- Improve your analytical writing skills
- Create literary texts of your own

WHAT ELSE DO I NEED TO KNOW?

You must study an English subject in both Years 11 and 12.

This can be English, English as an Additional Language, or Literature or a combination

2027 Health and Physical Education Subjects

AFL Academy

Description

The Sports Academy is for students passionate about building skills, knowledge, and career pathways in the sports industry. With a strong focus on **AFL training and strength and conditioning**, students will enhance athletic performance through practical sessions.

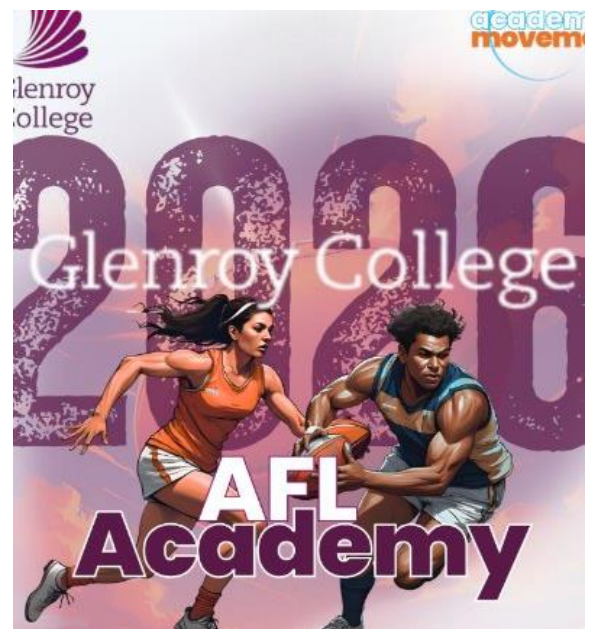
In Year 10, they will also complete a **Certificate II in Sports Coaching**, gaining a nationally recognised qualification. Students will develop coaching skills and complete theory units on sport, athlete development, and industry pathways, preparing them for roles in coaching, sports science, health and fitness, and athlete management.

Which Year 11 Subject(s) could this lead to?

- VCE Physical Education
- VET Sport and Recreation

What future careers could this lead to?

- Professional athlete
- Sport Coaching
- Umpiring
- Sports management
- Sport science



What knowledge and skills will I build?

What knowledge and skills will I build?

- AFL game skills and tactics
- Strength and conditioning techniques
- Coaching and leadership skills
- Sports science knowledge
- Injury prevention and recovery
- Teamwork and communication
- Umpiring and officiating skills

WHAT ELSE DO I NEED TO KNOW?

To be considered for the Academy, you will need to complete an application. The subject includes both practical and theory classes, and students are expected to actively participate in all sessions

Health and Human Development

Description

Students will explore the dimensions of health and the interrelationship between the dimensions of health. They will use simple health data to identify the major causes of illness, injury and death in Australia. Students investigate personal behaviours and community actions that may contribute to the health of specific groups. Students investigate the work of government departments and non-government bodies in promoting and protecting the health of people.

Which Year 11 Subject(s) could this lead to?

- VCE Health and Human Development

What future careers could this lead to?

- Nursing
- Health Science
- Environmental Science
- Physiotherapy
- Youth Work



What knowledge and skills will I build?

- Nutrition
- Dimensions of Health
- Government and Non Government Agencies
- Health challenges that affect young people

WHAT ELSE DO I NEED TO KNOW?

Unlike Year 9 Health and PE, this subject does not involve practical Physical Education classes.

Physical Education

Description

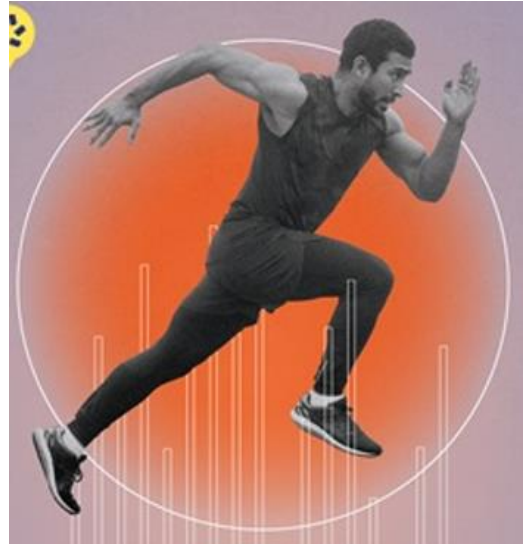
Students will complete both practical and theoretical classes. The topics covered include studying the cardiovascular, respiratory, muscular and skeletal systems as well as looking at the acute responses of the body when exercising. Students will investigate different training methods and principles to give them the core knowledge to develop their own fitness program. Students will be expected to participate fully in all class activities.

Which Year 11 Subject(s) could this lead to?

- VCE Physical Education
- VET Sport and Recreation

What future careers could this lead to?

- Career in sport management
- Sport Coaching
- Physical Education Teaching
- Personal Training



What knowledge and skills will I build?

- Coaching skills
- Knowledge of Cardiovascular, Respiratory and Muscular Skeletal systems
- Training Methods

WHAT ELSE DO I NEED TO KNOW?

This subject involves both practical classes and theory classes. Students are expected to actively participate in all practical classes.

Team Sports

Description

This new subject will focus on learning the rules and specific skills required for a range of team sports, and on building teamwork skills.

Students will participate in theory classes designed to explore and analyse strategies and skills required for teams to be successful, and practical classes where they will have the opportunity to put their learning into action.

Which Year 11 Subject(s) could this lead to?

- VCE Physical Education
- VET Sport and Recreation

What future careers could this lead to?

- Professional athlete
- Sport Coaching
- Physical Education Teaching



What knowledge and skills will I build?

- Teamwork skills
- Strategy and tactical skills
- Motor skills

WHAT ELSE DO I NEED TO KNOW?

This subject involves both practical classes and theory classes. Students are expected to actively participate in all practical classes.

2027 Humanities Subjects

Business in Action

Description

In this entrepreneurial elective, students don't just learn how businesses work — they create one. Grounded in real-world application, students will explore the key elements of running a small business by designing, launching and managing their own enterprise within the school environment. They'll investigate how businesses identify market opportunities, manage finances, adapt to challenges and communicate value to customers — all while developing and pitching their own innovative, competitive product designed for Glenroy consumers.

This subject empowers students with future-ready skills in leadership, teamwork, financial literacy, marketing and problem-solving — preparing them to be proactive business owners in an increasingly complex consumer world.

Which Year 11 Subject(s) could this lead to?

- VCE Accounting
- VCE Business Management

What future careers could this lead to?

- Entrepreneur
- Marketing/Communications Specialist
- Financial Advisor
- Business Analyst
- E-commerce Manager
- Retail and Hospitality Management



What knowledge and skills will I build?

- Develop and implement a business idea in a real-world school setting
- Apply concepts of entrepreneurship, marketing, budgeting and innovation
- Understand legal, ethical and financial responsibilities of running a business
- Evaluate business performance using feedback, data and financial metrics
- Communicate ideas effectively through pitches, reports and advertising
- Collaborate to manage operations, adapt to problems, and make informed decisions

WHAT ELSE DO I NEED TO KNOW?

Students can apply their learning from the \$20 Boss program in Year 9 to this course.

Climate Justice

Description

Who pays for a warming world? Climate change isn't just about rising temperatures — it's about fairness, power and survival. In this critical Geography elective, students will explore how global warming affects people differently depending on where they live, how much they earn and what resources they have access to.

This subject investigates the unequal causes and consequences of climate change. Students will use mapping tools, data and fieldwork to explore environmental justice and design solutions that promote a more sustainable, fair future for all.

Which Year 11 Subject(s) could this lead to?

- VCE Geography
- VCE Politics
- VCE Environmental Science
- VCE Sociology

What future careers could this lead to?

- Environmental Planner/Urban Designer
- Climate Policy Advisor
- Human Rights or Sustainability Advocate
- Environmental Scientist
- International Aid/Development Worker



What knowledge and skills will I build?

- Investigate the unequal impacts of climate change on people and places
- Analyse maps, data and satellite imagery using geospatial tools
- Discuss environmental justice, global inequality and sustainability
- Evaluate different ways people are responding to climate change
- Conduct a local fieldwork-based inquiry into environmental impact

WHAT ELSE DO I NEED TO KNOW?

Students will have the opportunity to conduct fieldwork around a local issue and will design a campaign or proposal to advocate for a just environmental solution.

Conflict in the Middle East

Description

How and why do wars happen? How do we explain atrocities? In this inquiry-based elective, students will explore key conflicts in the Middle East to uncover how war, ideology and occupation have shaped the region — and the world. From the impact of WWII on the creation of Israel, to the US-led invasion of Iraq after 9/11, students will investigate the causes and consequences of conflict through multiple historical lenses.

This subject examines how political decisions, foreign interventions and historical grievances contribute to ongoing violence. Drawing on diverse sources and perspectives, students will build a deeper understanding of their world — and their place within it.

Which Year 11 Subject(s) could this lead to?

- VCE History
- VCE Legal Studies
- VCE Politics

What future careers could this lead to?

- International Lawyer
- Historian / Archivist
- Journalist / Writer
- Researcher
- Foreign Affairs Officer
- Politician



What knowledge and skills will I build?

- Interpreting historical sources and assessing their reliability
- Analysing the causes and consequences of war and political ideologies
- Understanding the legacy of global conflict on modern society
- Evaluating different cultural, political and historical perspectives
- Researching, presenting and reflecting on contemporary case studies

WHAT ELSE DO I NEED TO KNOW?

Students will be required to engage with a range of primary and secondary sources, and respond verbally and in writing

Criminal Law

Description

What makes something a crime — and who decides how it's punished? In this critical elective, students will explore how criminal law works in Australia, and how it shapes justice in real life. Through case studies, debates, mock trials and investigations, students will examine what makes a fair trial, how laws are enforced and what happens when justice fails. From youth crime to sentencing, from wrongful convictions to rights of the accused, students will critically examine how laws reflect values, power and social change.

This subject provides students with the language to construct evidence-based arguments, ask tough questions and make sense of the legal world around them.

Which Year 11 Subject(s) could this lead to?

- VCE Legal Studies
- VM/VPC Personal Development Skills

What future careers could this lead to?

- Lawyer / Paralegal
- Policy Maker / Law Maker
- Teacher
- Law enforcement
- Social Justice
- Consultant



What knowledge and skills will I build?

- Describe the key features and principles of criminal law in Victoria
- Explore cases and analyse how the justice system responds to crime
- Learn about the rights of the accused, the role of police, courts and juries
- Develop skills in debate, analysis, reasoning and presenting a legal argument
- Research a criminal case to prepare for participation in a mock trial / legal investigation

WHAT ELSE DO I NEED TO KNOW?

This subject may involve an excursion to the Magistrate's Court and / or Parliament.

Money Matters

Description

Ever wondered where your money really goes — or how to make it grow? In this elective, students will learn how to make informed financial decisions that impact their future. From budgeting and saving to investing, taxes and avoiding scams, students will explore how the economy affects their everyday lives. They'll look at the real cost of living, how interest and debt work, and how to plan for major life events.

Whether you're earning your first paycheque or thinking long-term, this subject will give you the tools to take control of your financial future.

Which Year 11 Subject(s) could this lead to?

- VCE Business Management
- VM/VPC Personal Development or Work-Related Skills

What future careers could this lead to?

- Accountant
- Entrepreneur
- Bank Manager / Loan Officer
- Investor
- Economist
- Policy Analyst
- Retail or Real Estate Professional



What knowledge and skills will I build?

- Create and manage a personal budget
- Describe how saving, interest, tax and superannuation work
- Compare financial products and avoid common money traps and scams
- Explore strategies for investing, borrowing and building long-term wealth
- Present on the process of making informed decisions about spending, working and managing financial risk

WHAT ELSE DO I NEED TO KNOW?

This subject will involve hands-on practical learning that you will apply to your life outside of school, as well as future studies

Think for Yourself

Description

Why do we believe what we believe? What's fair, and who decides? In this thought-provoking elective, students will explore the big questions that shape human life. Drawing from philosophy, popular culture and sociology, students will examine how ideas, institutions and worldviews influence how people live and interact. They'll explore real-world dilemmas (e.g. conspiracy theories), challenge their own assumptions and practise reasoning through multiple perspectives.

This subject is ideal for deep thinkers, passionate debaters and anyone curious about the world and their place in it.

Which Year 11 Subject(s) could this lead to?

- VCE Sociology
- VCE Politics
- VCE English
- VCE Philosophy

What future careers could this lead to?

- Philosopher/Theologian
- Social Worker
- Journalist/Author
- Educator/Academic



What knowledge and skills will I build?

- Explore ethical and philosophical questions from different worldviews
- Explain how identity, culture and society shape human behaviour
- Think critically about social issues and power structures
- Evaluate arguments and express your own ideas clearly and constructively
- Reflect on what it means to live a good and just life
- Debate and discuss widely known social and philosophical dilemmas

WHAT ELSE DO I NEED TO KNOW?

This subject will require students to engage in debates with one another, and share opinions through class discussions and written tasks

2027 Maths Subjects

Foundation Maths

Description

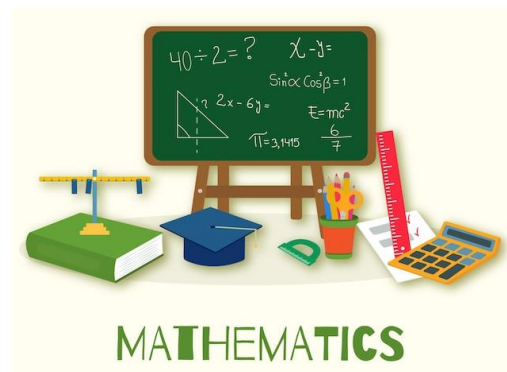
Foundation maths provides students with the mathematical knowledge and skills to solve problems in real contexts for a range of workplaces, personal contexts, further learning, and community settings. Students will focus on core skills at a slower pace and with more classroom support than the General Maths course.

Which Year 11 Subject(s) could this lead to?

- VCE Foundation Maths
- VM Numeracy

What future careers could this lead to?

- Tradesperson
- Sales assistant
- Freight Clerk
- Cashier/Bank worker
- Salon assistant



What knowledge and skills will I build?

- Students will learn how to apply techniques, routines and processes to develop their problem solving and reasoning skills.
- Students will consider the real-world application of mathematical concepts.
- These skills will support the maths required for the work place.

WHAT ELSE DO I NEED TO KNOW?

Foundation maths follows the Year 10 curriculum, but has a focus on real world context and building numeracy skills.

General Maths

Description

General maths will provide a solid base for a sound background in number, algebra, function, geometry and statistics.

A range of approaches will be used to develop concepts, procedures and processes by making connections, reasoning, problem solving and practice.

Which Year 11 Subject(s) could this lead to?

- VCE General Maths
- VCE Foundation Maths
- VCE Accounting
- VCE Business Studies

What future careers could this lead to?

- Small business owner
- Defence force
- Nursing
- Hospitality
- Design



What knowledge and skills will I build?

- Extend your use of mathematical models to a wide range of familiar and unfamiliar contexts
- The use of all types of real numbers
- Recognise the role of logical argument and proof in establishing mathematical propositions
- Use estimation to validate or provide bounds for answers
- Use exponential functions to model compound interest

WHAT ELSE DO I NEED TO KNOW?

General maths follows the Year 10 curriculum, but has a more academic and conceptual focus than Foundation Maths.

Extension Maths

Description

Extension Maths at Year 10 provides additional content to the general maths curriculum.

This content will extend students in their mathematical studies of number, algebra, function, geometry, probability and statistics.

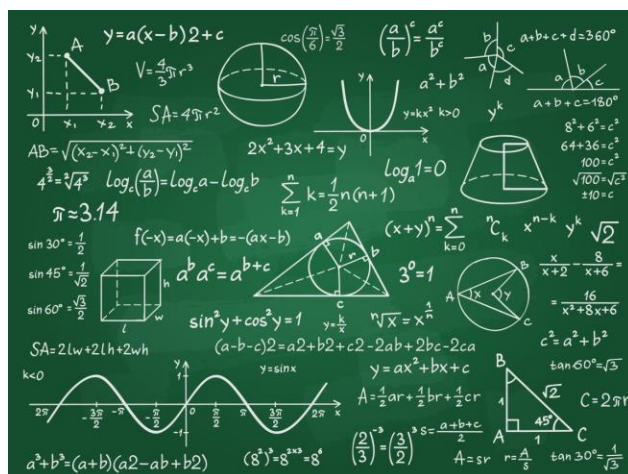
This course provides students with a strong foundation for studying VCE Maths Methods or Specialist Maths in Year 11.

Which Year 11 Subject(s) could this lead to?

- VCE General Maths
- VCE Maths Methods
- VCE Specialist Maths
- VCE Accounting

What future careers could this lead to?

- Engineering
- Sciences
- Technology
- Medicine
- Teaching



What knowledge and skills will I build?

- Apply technology, routines and processes involving rational and real arithmetic, sets, lists and tables, diagrams and geometry, algebraic manipulation, equation solving and graph-sketching of linear and nonlinear relationships and probability

WHAT ELSE DO I NEED TO KNOW?

Students will need to be recommended for this subject by their Year 9 Maths teacher.

2027 Science Subjects

Biology

Description

Who likes animals and plants and wants to know how they act together?

Biology is the study of life and the interactions between species.

In this subject, students will investigate cells and body systems, how plants get nutrients and responses to the environment by plants and animals.

They will investigate the study of genes and inheritance and look at the theories of evolution by natural selection.

Which Year 11 Subject(s) could this lead to?

- VCE Biology
- VCE Chemistry
- VCE Environmental science
- VCE Psychology

What future careers could this lead to?

- Health workers
- Zoologists
- Laboratory workers
- Research



What knowledge and skills will I build?

- Problem solving skills
- Inquiry skills
- Report writing
- Practical tasks
- Research tasks

WHAT ELSE DO I NEED TO KNOW?

Students will be required to participate in practical tasks in this subject.

Chemistry

Description

Interested in seeing how chemicals can react with each other? Then this is for you.

Chemistry is the study of matter and how elements interact in reactions.

In this subject you will learn about elements and compounds and how they are formed and work together.

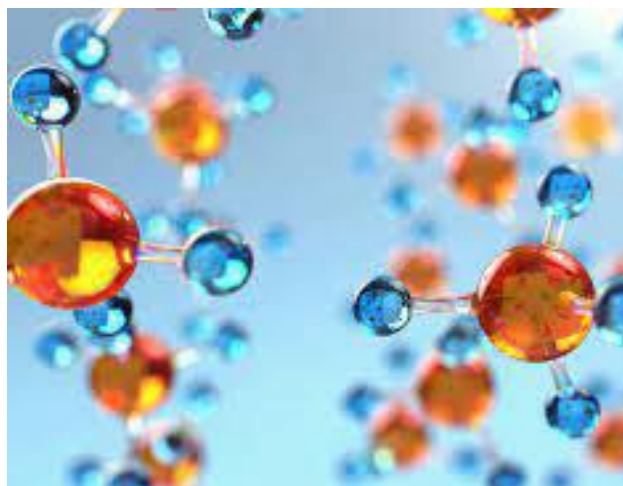
You will investigate the reactions and consolidate knowledge of types of reactions and the rates of reaction.

Which Year 11 Subject(s) could this lead to?

- VCE Chemistry
- VCE Environmental science

What future careers could this lead to?

- Health workers
- Medicine
- Food technology
- Research
- Pharmacy



What knowledge and skills will I build?

- Problem solving skills
- Inquiry skills
- Report writing
- Practical tasks
- Research tasks

WHAT ELSE DO I NEED TO KNOW?

Students will be required to participate in practical tasks in this subject.

Environmental Science

Description

Do you like the outdoors, getting wet and muddy, investigating? Environmental science will let you do all of this.

Environmental Science enables students to explore the relationships between the Earth's four systems.

Students will explore how past and current human activities may affect the environment and how future challenges can be managed sustainably.

Which Year 11 Subject(s) could this lead to?

- VCE Environmental science

What future careers could this lead to?

- Environmentalist
- Sustainability specialist
- Environment planner
- Policy analyst



What knowledge and skills will I build?

- Problem solving skills
- Inquiry skills
- Report writing
- Practical tasks
- Research tasks

WHAT ELSE DO I NEED TO KNOW?

Students will be required to participate in practical tasks in this subject.

Forensic Science

Description

Crime and punishment – how do we solve a murder!

This subject focuses on skills and concepts behind crime investigation. It will involve a lot of practical work and need an inquisitive mind.

You will gain investigative skills and review a range of science topics (particularly chemistry) through theory and practical experimentation.

Which Year 11 Subject(s) could this lead to?

- VCE Chemistry
- VCE Environmental science

What future careers could this lead to?

- Forensic scientist
- Crime scene investigator
- Toxicologist



What knowledge and skills will I build?

- Problem solving skills
- Inquiry skills
- Report writing
- Practical tasks
- Research tasks

WHAT ELSE DO I NEED TO KNOW?

Students will be required to participate in practical tasks in this subject.

General Science

Description

This is a compulsory subject for all year 10 students, studied in Semester One.

The subject incorporates all strands of science to give students a broad science overview, and inform their choices for Science electives in Semester Two and into VCE.

It will investigate cells, body systems and chemical reactions which occur in the body, as well as motion and the universe.

Which Year 11 Subject(s) could this lead to?

- VCE Biology
- VCE Chemistry
- VCE Environmental science
- VCE Physics
- VCE Psychology

What future careers could this lead to?

- Health workers
- Engineers
- Physicists
- Chemists



What knowledge and skills will I build?

- Problem solving skills
- Inquiry skills
- Report writing
- Practical tasks
- Research tasks

WHAT ELSE DO I NEED TO KNOW?

Students will study this subject in Semester One, and will be able to change their preferences for Semester Two science electives based on their learning from this subject.

Physics

Description

Cars, trucks, roller coasters – all work because of physics.

Physics is the study of energy and motion.

This subject investigates the motion of objects and how it involves the exchange of energy and can be predicted by using the laws of physics.

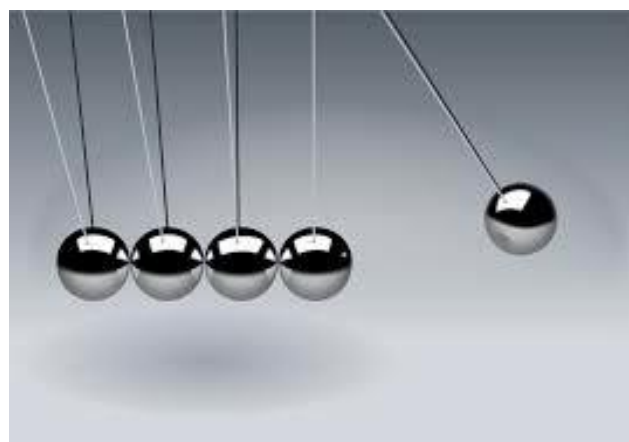
Students will analyse different types of energy and also investigate the origins of the universe.

Which Year 11 Subject(s) could this lead to?

- VCE Physics

What future careers could this lead to?

- Engineer
- Medical physicist
- Meteorologist
- Data analyst



What knowledge and skills will I build?

- Problem solving skills
- Inquiry skills
- Report writing
- Practical tasks
- Research tasks

WHAT ELSE DO I NEED TO KNOW?

Students will be required to participate in practical tasks in this subject.

Psychology

Description

Do you think others act strange?
Do you want to know why people act the way they do?

Psychology is the study of the brain and behaviours. In this subject types of psychology, mental disorders and body image will be investigated.

Which Year 11 Subject(s) could this lead to?

- VCE Psychology

What future careers could this lead to?

- Psychologist
- Counsellor
- Forensic Scientist
- Teacher



What knowledge and skills will I build?

- Problem solving skills
- Inquiry skills
- Report writing
- Practical tasks
- Research tasks

WHAT ELSE DO I NEED TO KNOW?

Students will be required to participate in practical tasks in this subject.

2027 Technology Subjects

AI & Data Science

Description

Explore the world of artificial intelligence and data science. In this subject, you'll learn how AI works and how it's used to analyse and organise data. You'll use Python programming to work with real-world datasets, uncover patterns, and solve problems. By the end of the course, you'll create your own AI-driven project. This subject is ideal for students who want to learn powerful, cutting-edge techniques shaping the future of technology.

Which Year 11 Subject(s) could this lead to?

- VCE Applied Computing

What future careers could this lead to?

- Software Development
- Data Analytics
- Cyber Security
- Data Analyst
- Machine Learning Engineer



What knowledge and skills will I build?

- Data Analysis
- Problem Solving
- Deep thinking
- Programming
- Cyber Security
- Understanding how AI works

WHAT ELSE DO I NEED TO KNOW?

AI & Data Science is a cutting-edge field; it has an exciting future. This course is suited to students who would be want to take risks and learn about new emerging techniques.

App Development

Description

In App Development, you will learn about current trends in technology and brainstorm an idea for an application to solve a real-world problem. You will learn how to create visual designs for an app, select the best design and plan how to make it work.

In the programming part of the course, you will turn your ideas into an actual mobile app. As you will want to build better apps in the future the final section of the course is evaluation, where you will judge your app and suggest improvements.

Which Year 11 Subject(s) could this lead to?

- VCE Applied Computing

What future careers could this lead to?

- Game Developer
- Software Development
- IT administrator
- Cyber Security



What knowledge and skills will I build?

- Problem Solving
- Designing Solutions
- Design Thinking Process
- Project Management
- Collaborative Learning
- Evaluation
- Programming

WHAT ELSE DO I NEED TO KNOW?

The subject is suited to students who want to develop thinking and design skills. The subject will give you skills that will help you in a range of VCE and VM subjects.

Electronics

Description

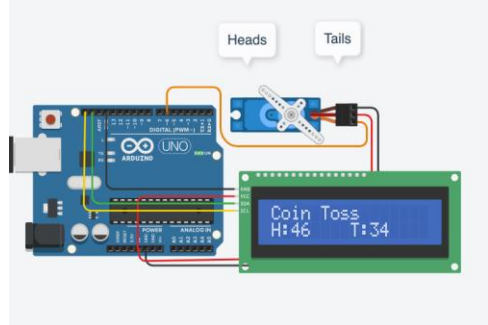
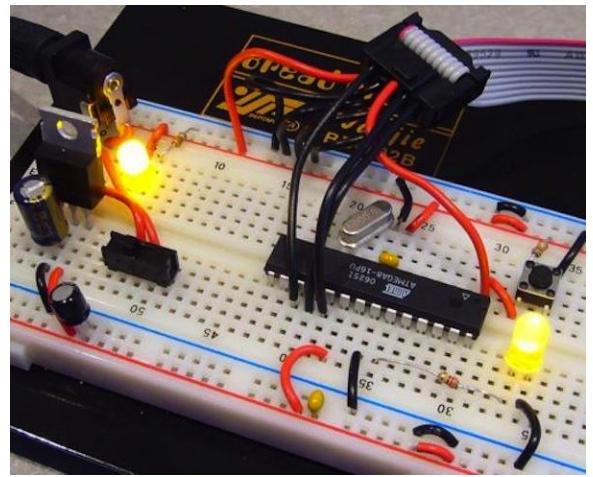
In Electronics, you will learn how to design, build, and program electronic circuits. You'll explore the components needed to make a working circuit, apply basic electrical theory, and use online tools to design your circuits. This hands-on subject involves working with a variety of input sensors and output devices, which you'll use to create and program your own functional electronic project. Electronics is ideal for students who enjoy practical learning and want to understand how different electronic systems work and what they can do.

Which Year 11 Subject(s) could this lead to?

- VCE Applied Computing
- VCE Product Design

What future careers could this lead to?

- Robotics
- Mechanical Engineering
- Computing
- Electrician
- Electronics



What knowledge and skills will I build?

- Mechanical Skills
- Problem Solving
- Designing Solutions
- Programming
- Electronics
- Understanding Digital Systems
- Electrical Theory

WHAT ELSE DO I NEED TO KNOW?

Electronics is a cutting-edge technology that has an exciting future. This course is suited to students who would be prepared to take risks and learn about new technologies.

Foods of the World

Description

This subject is an exciting opportunity to learn about how to eat well for the future and how our food choices can affect our health.

We also study indigenous food, culture and practices in Australia and take a cultural voyage around the world to look at different flavours and cuisines.

Students will be able to participate in and practical classes where they can apply their skills. The design process and the creation of products and how to analyse the sensory properties of products made is a key focus. This subject is a great lead in for students wishing to study VCE Food studies.

Which Year 11 Subject(s) could this lead to?

- VCE Food Studies

What future careers could this lead to?

- Chef
- Baker
- Catering
- Nutritionist



What knowledge and skills will I build?

- Build practical food skills in planning, preparing and cooking ensuring food safety
- Apply principles of nutrition, food science and sensory evaluation to food planning and preparation
- Research and discuss issues relating to our food system and sustainability

WHAT ELSE DO I NEED TO KNOW?

Students will be required to bring a container to each practical class to carry the food that is prepared.

Industrial Design

Description

Industrial Design focuses on turning creative ideas into real-world products through design thinking and hands-on prototyping.

Students tackle challenges like designing for small spaces or emergency lighting, using research, sketching, and digital modelling to develop user-focused solutions.

They work with 3D CAD, SketchUp, laser cutting, 3D printing, and workshop tools to build and refine their designs.

By the end, students will have created functional products and built real-world skills in problem-solving and making.

Which Year 11 Subject(s) could this lead to?

- VCE Product Design

What future careers could this lead to?

- Construction and Fabrication
- Industrial Design
- Transport Design
- Engineering
- Fashion Design and Textiles
- Jewellery and Metal Work



What knowledge and skills will I build?

- Design thinking strategies
- Working in teams
- Developing and responding to criteria
- Evaluating designs
- Research methods
- Project Management
- Use of digital and traditional tools

WHAT ELSE DO I NEED TO KNOW?

Students will be required to actively participate in both theory and practical classes for this subject.

2027 Intervention Support

MYLNS

Description

The MYLNS elective is a year long intervention program providing students with targeted teaching and support in reading comprehension.

Content and learning tasks are designed to support maximum engagement and reading growth so that students experience improved confidence in their other subjects and their VCE program.

Which Year 11 Subject(s) could this lead to?

MYLNS is a Year 10 Program only, but will support students to improve literacy skills for all subjects

What future careers could this lead to?

Literacy is a necessity in all future study and employment pathways. Developing these skills and addressing reading gaps opens career options in all areas.



What knowledge and skills will I build?

- Develop reading stamina
- Address testing anxiety
- Develop explicit reading strategies
- Measure and track growth in your reading age

WHAT ELSE DO I NEED TO KNOW?

Students are selected for MYLNS by the Department of Education and can graduate from the program by reading at level. Most students will remain in the elective for the full year.

2027 Vocational Subjects

Applied Futures

Description

Students will work on hands-on projects that connect classroom learning to real-world skills. The subject emphasises problem-solving, collaboration, and creativity through practical challenges drawn from community, workplace, and everyday life. Students design solutions to local issues, develop small-scale business ideas, and create products and services for real audiences. Students build skills in communication, teamwork, and project management.

Which Year 11 Subject(s) could this lead to?

This subject prepares students for senior pathways such as VCE VM, VET, or employment by focusing on applied learning and authentic experiences beyond traditional classrooms.

What future careers could this lead to?

All vocational careers and pathways



What knowledge and skills will I build?

- Teamwork
- Personal Skills
- Applied Learning
- Hands-on Skills
- Communication
- Project Management

WHAT ELSE DO I NEED TO KNOW?

Students will co-design solutions to real-world problems, and will be required to work collaboratively with one another and outside organisations.