



Matthew Flinders
Girls Secondary
College



YEAR 10-12

**CURRICULUM
HANDBOOK**



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Curriculum Introduction: Years 10-12

The Victorian Curriculum F-10 is the curriculum for Victorian schools and is the basis for the learning in Years 7-10 at MFG. It incorporates the Australian Curriculum and reflects Victorian standards and priorities. The curriculum is accessed from the [Victorian Curriculum F-10 website](#).

Standards and levels

The Victorian Curriculum F-10 is structured as a continuum across levels of learning achievement not years of schooling. This enables the development of targeted learning programs for all of our students, where the curriculum is used to plan in relation to the actual learning level of each student rather than their assumed level of learning based on age.

Our curriculum is separated into two stages and reflects the Victorian Curriculum priorities:

- **Breadth stage (Years 7-8)**

You have the opportunity to fully engage with all learning areas and capabilities, with a focus on English, Mathematics and Science. These years provide you with an opportunity to explore a 'breadth' of subjects as your pathways and career options start to develop.

- **Pathways stage (Years 9-10)**

You will engage in a broad education and begin to plan your senior secondary program of study.

You will have a wide range of electives to choose from in Year 10.



Year 10 Curriculum Structure

YEAR 10

MATHS	ENGLISH	SCIENCE	TECHNOLOGY	THE ARTS
SEMESTER 1 Foundation Maths or Maths	SEMESTER 1 & 2	SEMESTER 1 General Science	FOOD TECHNOLOGY TEXTILES DIGITAL TECHNOLOGY	DRAMA MUSIC VISUAL ARTS MEDIA VISUAL COMMUNICATION DESIGN
SEMESTER 2 Foundation Maths or General Maths or Maths Methods		SEMESTER 2 In-Depth Studies	HEALTH & PE	HUMANITIES
	LITERATURE	FIT & HEALTHY EDUCATION & CHALLENGES IN OUTDOORS	CONFLICT & CULTURE LEGAL EAGLES & TYCOONS GEOGRAPHY : PEOPLE, PLACES AND CHANGE	FRENCH or INDONESIAN (for 2 semesters)

Electives in purple run for 5 periods per week for one semester



Year 10 English

YEAR 10 ENGLISH

English plays a central role in enabling people to find fulfillment in work, in personal relationships, in creative pursuits and in learning. Building on your previous learning and thinking in English you will be introduced to the formal study of literature, including a range of classic and contemporary texts. This will extend your interdisciplinary thinking and analytical skills and you will learn how to write appropriately and correctly in a range of genres particularly writing about literature, developing formal essays and strategies for effective argumentative and persuasive writing.

You will develop a critical understanding of issues in the media, different perspectives on these issues and the language used, both visual and written, to present issues and opinions. You also will be given opportunities to present and speak to your class so that your confidence in formal situations grows

YEAR 10 LITERATURE (ELECTIVE)

In Year 10 Literature you will be introduced to both modern and classic literature. Our studies cover a wide range from current authors to Shakespeare, from popular fiction to classic love poems and from the written word to stage performances and film adaptations.

This course is designed to equip you with the skills required for VCE Literature and VCE English, as well as provide opportunities for you to develop your appreciation, pleasure and enjoyment in reading, writing, speaking and listening. The reading of challenging texts is required, and there is a strong emphasis on class discussion, participation, and the sharing of ideas based on the readings.





Year 10 Mathematics

YEAR 10 FOUNDATION MATHEMATICS (SEMESTERS 1 AND 2)

In Year 10 Foundation Mathematics your learning is aimed at helping you develop and improve your numeracy skills and apply them to everyday situations. Different levels of ability and starting points are catered for through a thematic approach.

This subject is designed to provide you with access to interesting and challenging mathematical learning. You will learn the importance of mathematics in everyday life and build your confidence in using mathematical ideas and techniques.

During the year you will learn about:

- Measurement (conversion of units, scale diagrams, calculation of perimeter, area, volume and surface area of simple and complex shapes, time zones, distances and world locations)
- Statistics (range, mean, median, mode, development of surveys and the analysis of data including an examination of bias, graphical displays and their interpretation)
- Chance (both experimental and theoretical)
- Financial Arithmetic (percentages, interest rates, bank statements, methods of earning pay, credit cards)
- Number (continual skill development in fractions, decimals, ratio and percentages)

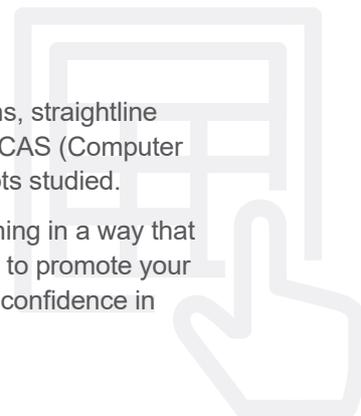
Pathways

Year 10 Foundation Mathematics leads directly into Unit 1 & 2 Foundation Mathematics. There is no pathway into Year 12 Mathematics.

YEAR 10 MATHEMATICS (SEMESTER 1)

In Year 10 Mathematics you will extend your understanding of measurement, linear equations, straightline graphs and their applications, financial maths, probability and trigonometry. You will use the CAS (Computer Algebra Systems) calculator as a learning tool to enhance your understanding of the concepts studied.

This subject is designed to provide access to worthwhile and challenging mathematical learning in a way that takes into account the needs and aspirations of a wide range of students. It is also designed to promote your awareness of the importance of mathematics in everyday life in a technological society, and confidence in making effective use of mathematical ideas, techniques and processes.





Year 10 Mathematics

YEAR 10 GENERAL MATHEMATICS (SEMESTER 2)

General Mathematics is suitable if you have a pathway requiring a broad knowledge of mathematical principles that have practical applications in both the workplace and real life. The course is designed to promote awareness of the importance of mathematics in a technological society, and aims to develop confidence in the application of mathematical ideas, techniques and processes and improve and extend problem solving skills and strategies. The main foci for the semester will be:

- Statistics, including collection, display and interpretation and analysis of data
- Linear Graphs and Modelling, including sketching and interpreting line graphs that represent real life situations.
- Networks and decision mathematics

You will use the CAS (Computer Algebra Systems) calculator as a learning tool to enhance your understanding of these concepts.

Pathways

This subject is a pathway into VCE units 1 and 2 General Mathematics which may be followed by VCE units 3 and 4 Further Mathematics, or VCE units 1 and 2 Foundation Mathematics. It is also suitable if you intend to enter intermediate VCAL studies.

Pathways

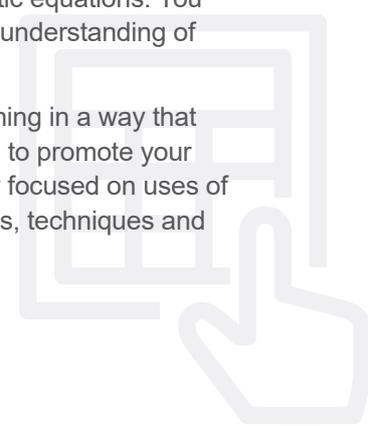
Year 10 General Mathematics leads directly to Units 1 & 2 General Mathematics followed by Units 3 & 4 Further Mathematics.

YEAR 10 MATHEMATICAL METHODS (SEMESTER 2)

This subject is for you if you are thinking about continuing with higher levels of Mathematics at the VCE level - Maths Methods and Specialist Maths.

In Year 10 Mathematical Methods you will extend your understanding of linear equations, straight-line graphs and their applications. You will also learn how to solve equations with two unknowns, to use index laws, work with irrational numbers, sketch parabolas, solve quadratic equations and model with quadratic equations. You will use the CAS (Computer Algebra Systems) calculator as a learning tool to enhance your understanding of these concepts.

This subject is designed to provide access to worthwhile and challenging mathematical learning in a way that takes into account the needs and aspirations of a wide range of students. It is also designed to promote your awareness of the importance of mathematics in everyday life in a society that is increasingly focused on uses of technology as well developing your confidence in making effective use of mathematical ideas, techniques and processes.





Year 10 Science

YEAR 10 SCIENCE (GENERAL SCIENCE)

Science in Year 10 is designed help you develop your understanding of a range of scientific concepts and build your skills in science communication within a real world context. In Semester 1 you will learn about chemical elements and how their properties are linked to their atomic structure; disease and what scientific developments we use to control them; how force affects the motion of objects.

Pathways

This subject is a good preparation for and leads to further study in the following VCE subjects: Chemistry, Biology and Physics.

YEAR 10 SCIENCE (IN-DEPTH STUDIES)

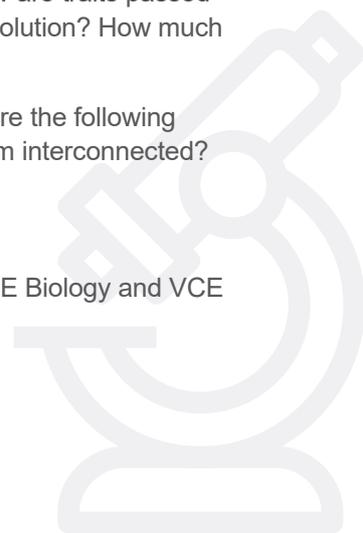
In this Semester 2 course you will have the opportunity to investigate emerging issues in science relating to the following fields:

Genetics: Throughout the Genetics unit you will explore the following key questions: How are traits passed from generation to generation? What are genetic mutations and how might they influence evolution? How much influence should technology have on the genetic makeup of the human gene pool?

Environmental Science: Throughout the Environmental Science unit you will explore the following key questions: How are the physical, chemical and biological components of a natural system interconnected? What impacts do humans have on the environment? What is sustainability?

Pathways

This subject is a good preparation for and leads to further study in the following subjects: VCE Biology and VCE Environmental Science.





Year 10 Languages

YEAR 10 FRENCH (ELECTIVE)

Bonjour! Bienvenue! Year 10 is a great year in French! On avance! We really move forward and start to prepare for learning in VCE. Listening, speaking, reading and writing skills are further developed through a range of activities such as songs, role-plays and films. We explore many new topics - we look at ordering in a café, buying train and transport tickets, personality descriptions and town and country life. We also explore the themes of past events, holidays, illness, the body and festivals.

Pathways

Students who wish to study French at VCE level must complete both French A and French B.

YEAR 10 INDONESIAN (ELECTIVE)

When we begin Year 10, we focus on the big question: why do we travel? You not only learn about Indonesia's rich heritage of art and music, you have an opportunity to teach your peers about what you have learned. You will also learn about teenage culture in Indonesia while demonstrating your reading, writing, listening and speaking skills through a range of tasks.

You will be involved in a statewide Sayembara Lisan (an Indonesian speaking competition) where you answer some general conversation questions before giving a rehearsed speech and answering unrehearsed questions on that topic.

Pathways

Year 10 Indonesian will prepare students for VCE Indonesian. You are required to take two semesters of Indonesian at Year 10 level if you wish to continue it at VCE level.

You also have the opportunity to travel to Lombok to visit our Indonesian sister school and participate in a homestay program.



Year 10 Humanities

YEAR 10 GEOGRAPHY: PEOPLE, PLACES AND CHANGE (ELECTIVE)

The learning in this subject will encourage you to question the state of the world and the factors that have contributed to this state. You will be encouraged to think like a Geographer, wonder about the world around you and develop your sense of global citizenship and environmental responsibility.

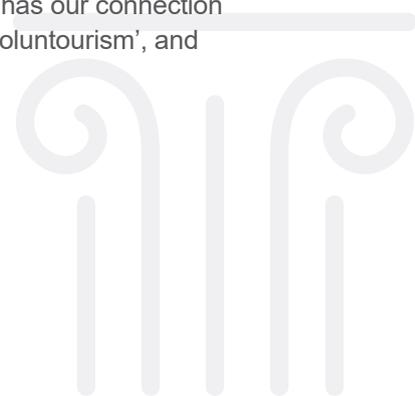
In this elective you will explore some big questions related to human wellbeing including 'What is well-being?' and 'How do we measure and map human wellbeing?'. We call this the 'Geographies of Human Wellbeing' and you will explore how human wellbeing can be measured and how using different indicators of human wellbeing can be applied to different places and people. This will involve focusing on a number of case studies and you being able to focus on human wellbeing in a place of your choice, investigate the causes and contrast the experiences of people in different countries and cultures.

You will also explore what we call the 'Geographies of Interconnection' and develop an understanding of why people have certain perceptions of a place and how this influences their connection to that place. You will explore environmental worldviews of people and approaches to environmental management, including Aboriginal and Torres Strait Islander peoples' approaches to custodial responsibility and environmental management in different regions of Australia.

You will then focus on the 'geographies of tourism' and the effects of people's travel (including you), recreational and leisure choices on places and how these choices effect and change places over time. You will consider questions like 'Why do we travel?', 'Are we really connected to where we live' and 'How has our connection to place changed over time?'. This focus includes exploring our local tourism industry, 'voluntourism', and exploring ways of ensuring that tourism is sustainable and ethical.

Pathways

This subject leads to further study in VCE Geography.





Year 10 Humanities

YEAR 10 HISTORY: CONFLICT & CULTURE (ELECTIVE)

In this subject you will investigate turning points in Australia's history and how these events, people and ideas have shaped Australian society. You will consider how varied ideas, events and cultural influences like Astro Boy, The Avengers, Bollywood and the Japanese attack on Pearl Harbour helped to develop and shape Australian culture.

The study of History creates an opportunity for you to pause and reflect on why we are the way we are and how we could be. Films, animation, music and television are all valuable resources to help you discover our past and consider our future. From the conflict of the Pacific War and the battle along the Kokoda Track to anime, Manga and the Indian film industry, you will develop an understanding of some of Australia's social and cultural influences.

Your skills in historical inquiry will develop and improve as you think like an historian and explore a range of sources such as first-hand accounts, artefacts, stories, literature and oral histories as well as other secondary sources.

The course will look at major areas of your national history including

- World War II, which will include the Kokoda Track, Australia's alliance with the USA and Japan's attacks on Sydney and Darwin.
- Popular Culture, which may include Animation and Anime; Bollywood and the Australian film industry; Social commentary through film, television and music

Pathways

This subject leads to further study in VCE History: Revolutions.





Year 10 Humanities

YEAR 10 LEGAL STUDIES: LEGAL EAGLES (ELECTIVE)

This course creates an opportunity to develop your legal aptitude. You will investigate the development of democracy, the process of elections, the role of pressure groups and learn about some famous politicians. You will have the opportunity to explore issues related to human rights, social justice and discover how social and cultural movements have shaped Australian society.

You will identify the strengths and weaknesses and make judgments about the features of Australia's political system and identify and understand a range of influences on people's voting choices. You will also identify and compare the strengths and weaknesses and make judgements about the key features and values of systems of government and analyze Australia's global roles and responsibilities. This extends to you developing an understanding of the role of the High Court and being able to explain how Australia's international legal obligations influence law and the activity of governments. You will learn about the key principles of Australia's system of justice and be able to identify the strengths and weaknesses and make judgments about the role of Australia's court system. You will also be able to recognize a range of factors that impact on the different perspectives of individuals and groups in the community.

Pathways

This subject leads to further study in VCE Legal Studies.





Year 10 Health & Physical Education

YEAR 10 FIT AND HEALTHY (ELECTIVE)

This is a one semester unit with 5 periods per week that is a blend of both physically active classes and theory based classes. So, if you like being active at school, this is the elective for you.

The three main theory topics covered over the semester are:

- What happens between conception and birth? We start learning about conception and possible causes of infertility, then follow the pregnancy journey and the different birthing options.
- How do we learn new skills? You will look at how a baby is born with a few simple reflexes and in a short space of time we start to learn new motor skills. How do we learn the skills to be the multi-talented individuals that we are now?
- What is Fitness? If you like to learn about the body systems and how they enable us to be physically active then this is the elective for you. You will also learn about all the components of fitness, how to test them and how to train them so that we can improve our performance in sport.

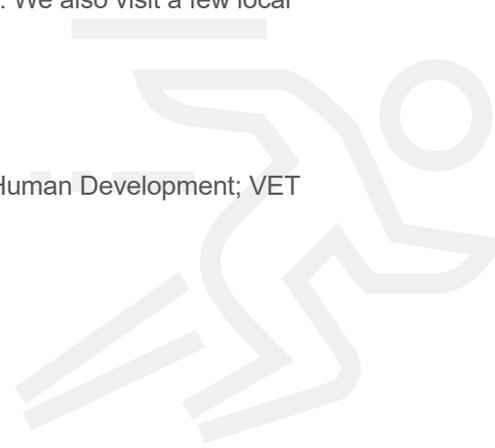
There are also two main units that we participate in over the semester:

- Sports Clinics – you will work with a team to run our class through a Sports Clinic of your choice. This is great fun and an excellent opportunity to step up and challenge yourself with leadership skills.
- Fitness – firstly test what level you are for each fitness component, then experience different methods of training that specifically target improvements using correct training principles. We also visit a few local gyms as part of our fitness work.

Of course you will wear the MFG PE uniform to all of the practical classes.

Pathways

An elective for students considering: VCE Physical Education; VCE Health and Human Development; VET Certificate 3 and 4 in Fitness.





Year 10 Health & Physical Education

YEAR 10 EDUCATION AND CHALLENGES IN THE OUTDOORS (ELECTIVE)

This is a one semester elective unit, with 5 periods per week, if you are interested in participating in activities in the outdoors.

You will engage in challenging activities including a two day hike and surfing camp in Lorne, two days of sailing, initiative activities, stand-up paddle boarding, canoeing, mountain bike riding, orienteering, geocaching and hiking.

You will learn about the risks, environmental impacts and equipment required for recreation and leisure in our precious marine and land environments. What is learned in a theoretical setting will then be reinforced by visits, activities and excursions in the Geelong and Surf Coast outdoor environments.

Please note:

You will need to complete a compulsory swimming test to assess your competency in aquatic environments. You will be required to swim 200m and tread water for 5 minutes. There is also an additional cost associated with this elective so you will need to refer to the Student Subject Selection Handbook for details in Term 2.





Year 10 Technology

YEAR 10 FOOD TECHNOLOGY (ELECTIVE)

Year 10 Food Technology is a semester-based study with five periods per week. This subject continues to build on your skills and knowledge from previous years of Food Technology. There is a balance of practical work, supported by related theory, demonstration and other practical activities, such as food tasting are also included.

The nutritional values of food are studied and production sessions are designed to develop your understanding of nutrients. This study explores causes of food spoilage and various ways that food is preserved. You will design and create an edible packaged gift, applying the principles of food preservation along with investigating food packaging and labelling. This topic also touches on food regulations designed to keep food safe.

We explore uses of ingredients in food preparation and dishes are prepared highlighting the purpose of ingredients, examples include the role of steam and gluten when making profiteroles, or the role of yeast when making a calzone or caramelizing vegetables for a roast vegetable pizza.

Pathways

This subject is preparation for and leads to further study in VCE Food Studies Units 1, 2, 3 and 4.

YEAR 10 TEXTILES (ELECTIVE)

In Year 10 Textiles is an elective for 5 periods per week for one semester. This unit will appeal to you if you have an interest in designing, personalising, exploring materials and techniques to make clothing and accessories with your own unique personalised styling.

You will work through the process of developing designs for a range of clothing or wearable items such as a dress/outfit and accessories. You investigate what is needed to generate original ideas, prepare design work, organise and use a variety of clothing materials (new and recycled), plan and manage the safe production of wearable items, reflect on the success and effectiveness of the Textiles items made and present the items for display for example: a fashion runway show or exhibition.

You will have the opportunity to research and investigate past fashion and clothing styles and trends, famous designers and fashion houses and different cultures, as a source of inspiration for your own textiles projects. You will be encouraged to explore different ways to use textiles materials to explore your creativity. A range of tools, materials, embellishment techniques, equipment, sewing machines and technology will be used to make clothing items and accessories.

Pathways

This subject is preparation for and a pathway into VCE Studio Arts Units 1, 2, 3 and 4.



Year 10 Technology

YEAR 10 DIGITAL TECHNOLOGIES (ELECTIVE)

This elective will explore the connection between software and hardware. During the first half of the elective you will be introduced to Arduino microcontrollers, Java code and electronic parts which will enable you to build projects such as digital temperature sensors and Motion Alarms. You will learn how to code the Arduino boards to read inputs and then turn this into an output (for example, activate a motor, turn on a LED or publish something online). This will require lots of problem solving, patience and creating thinking. This unit will conclude with a challenge where you have the opportunity to build an autonomous robot to fulfil a particular task. The second half of this elective will focus on you learning the knowledge and skills related to Computer Aided Design and 3D printing. You will learn how to draw 3D objects/components using a variety of online software and then have the chance to create your own product (based around a design brief) and 3D print it.



SQUARE

Clean

Bold



Year 10 Arts

Formal Wear

✉ www.JLSformalwear.com

📍 41 Ryre Street, Geelong

☎ 555 159 00
Jessica Simpson Director

YEAR 10 VISUAL COMMUNICATION DESIGN (ELECTIVE)

The course is for 5 periods per week for one Semester and will focus on developing your design skills. Your imagination, individuality and originality are encouraged. If you enjoy sketching and drawing, as well as thinking and talking about the design world then this subject is for you.

Most class work is practical where you learn about design by doing it. You will complete a range of projects in different design fields. Projects done in the class are varied - anything from graphic design, furniture design to interior design. You are able to interpret each project in your own way based on set criteria. The main aim is to develop your visual and creative thinking skills, by following the design process, and reviewing others' designs.

Pathways

This subject is an excellent preparation for further study of VCE Visual Communication Design and Studio Arts, Units 1, 2, 3 and 4.

YEAR 10 MEDIA (ELECTIVE)

In this unit you will learn camera techniques, design qualities and appropriate codes and conventions relative to photography. You will complete a 'walking tour' of Geelong whereby you will put your photographic skills into practice. You will learn editing techniques, use software applications to broaden your photographic skills and abilities to produce photographic prints. You will also analyze the lives and works of photography artists including influence, process and product.

You analyze the technical, symbolic and narrative codes and conventions of photography and film. You will also explore the different representations of main characters in these texts in relation to the cultural and social context. You will also discover whether these representations challenge or reinforce dominant beliefs held in society.

Pathways

This subject is preparation for and leads to further study in VCE Media and Studio Arts Units 1, 2, 3 and 4.



Year 10 Arts

YEAR 10 DRAMA (ELECTIVE)

This subject focuses on the development of your expressive skills in voice, movement and gesture and the art of creating a performance piece. You will be introduced to a range of theatrical performance styles through practical workshops and live performances. You will be able to follow your passion and explore what type of performance you like. Doing this subject will support your analytical skills and help your ability to think creatively to problem solve. You will learn that Performing Arts requires a cohesive and cooperative environment where you can demonstrate self-discipline, self-confidence and the acceptance of others as they explore their own creativity.

You will create a performance with the aim of performing for a target audience chosen by the students. Through this performance you will begin to explore the world of non-naturalism and begin to develop the skills required to advance to VCE Drama.

Pathways

This subject is preparation for and leads to further study in VCE Drama Units 1, 2, 3 and 4.

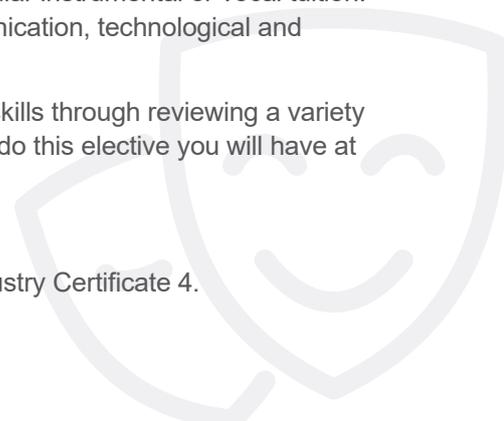
YEAR 10 MUSIC (ELECTIVE)

If you are thinking of selecting this elective then you should be undertaking regular instrumental or vocal tuition. You will further refine your skills on an instrument or voice. You will use communication, technological and performance skills to organize performances as a soloist and with their peers.

You will further refine and develop communication, technological and listening skills through reviewing a variety of music as well as creating music using technology. It is recommended that to do this elective you will have at least Grade two theory or the equivalent.

Pathways

This subject is a pathway to VCE Music Units 1, 2, 3 and 4 and VET Music Industry Certificate 4.





Year 10 Arts

YEAR 10 VISUAL ART (ELECTIVE)

If you enjoy being creative and have an interest in creating art then this elective will suit you. You will have an opportunity to work through a number of different art-making techniques. You will use Art Elements and Art Principles to explore aesthetics when making two and three-dimensional art. This may include the art forms of drawing, painting, printmaking, photography and sculpture.

Through examining and analyzing recognized artworks by established artists, art styles and in art exhibitions you will use a range of ideas and sources of inspiration to develop designs, create your own finished artworks and present them for an audience.

A studio practice approach will be undertaken for all research and art-making activities within a Visual Diary. You will find inspiration, generate ideas, trial and experiment mediums, materials, techniques, applications, processes and art-forms, explore subject matter, create designs and undertake the completion of your own artworks. You will be encouraged to develop your own style and strengths in selected art forms. You will also have an opportunity to view artworks in the real world and make informed opinions and, analyze what you see.

Pathways

This subject is preparation for and leads to further study in VCE Visual Communication and Design, Media, and Studio Arts, Units 1, 2, 3 and 4.





VCE and VCAL Curriculum

VCE UNITS 1-2 (YEAR 11)

YEAR 11

ENGLISH	MATHS	SCIENCE	HUMANITIES	TECHNOLOGY	H.A.P.E	ARTS
ENGLISH/EAL LITERATURE	FOUNDATION MATHS	BIOLOGY PSYCHOLOGY CHEMISTRY PHYSICS	20TH CENTURY HISTORY LEGAL STUDIES	FOOD STUDIES	HEALTH & HUMAN DEVELOPMENT PHYSICAL EDUCATION OUTDOOR & ENVIRONMENTAL STUDIES	MUSIC DRAMA/THEATRE STUDIES MEDIA STUDIO ARTS VISUAL COMMUNICATION DESIGN
	LANGUAGES					
	GENERAL MATHS			FRENCH INDONESIAN		
	MATHS METHODS					
	SPECIALIST MATHS					



Year 11 English

VCE ENGLISH UNITS 1-2 (YEAR 11)

In Units 1 and 2 you will explore how meaning is created in a text. You will be able to identify, discuss and analyze the decisions authors have made as well as the themes, issues and ideas explored in these texts. You will also create your own creative piece by using an accompanying text as the stimulus. The texts that you will study will come from a wide variety of classics and contemporary texts.

During Units 1 and 2 you will focus on the analysis and construction of texts that attempt to influence and persuade an audience. You will explore a wide range of text types and forms - from editorials and letters to advertisements and speeches. The focus of this part of the course is to develop your understanding of argument and the different strategies and techniques that can be used to influence an audience. You will explore the use of language for persuasive effect and the structure and presentation of argument using articles on current issues. You will also develop an oral point of view to present to an audience.

During Unit 2 you will explore how comparing different texts (for example, a film and a play) can provide a deeper understanding of ideas, issues and themes. You will investigate how the reader's understanding of one text is broadened and deepened when considered in relation to another text. Again, the texts that you will study will come from a wide variety of classics and contemporary texts.

Pathways

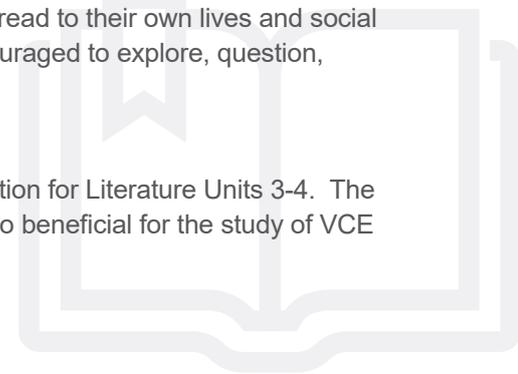
This subject leads to further study in VCE English Units 3-4.

VCE LITERATURE UNITS 1-2 (YEAR 11)

Units 1 and 2 Literature focuses on the ways literary texts represent human experience and takes you to different settings and eras than your own. The reading of a variety of texts will deepen your understanding of people and their struggles to be human. You will study a variety of genres; film, short stories, a play and novels, and engage closely with the language of texts while relating what they read to their own lives and social contexts. You will respond to texts personally, critically and creatively and encouraged to explore, question, compare, interpret and analyze what you read and view.

Pathways

The course design, content and structure of Literature Units 1 and 2 is preparation for Literature Units 3-4. The emphasis on a deeper inquiry into texts and the reading and writing skills is also beneficial for the study of VCE English.





Year 11 Mathematics

VCE UNITS 1 - 2 FOUNDATION MATHEMATICS (YEAR 11)

Foundation Mathematics provides an opportunity for you to continue to develop your mathematical understanding and skills to support your learning in other VCE and VET subjects. It also provides a mathematics subject for you when completing a VCAL course.

The subject is designed to improve your mathematical understanding and skills when aiming to gain employment in areas of trade such as hospitality and childcare. There is a strong emphasis on the use of mathematics in practical contexts encountered in everyday life in the community, at work and at study.

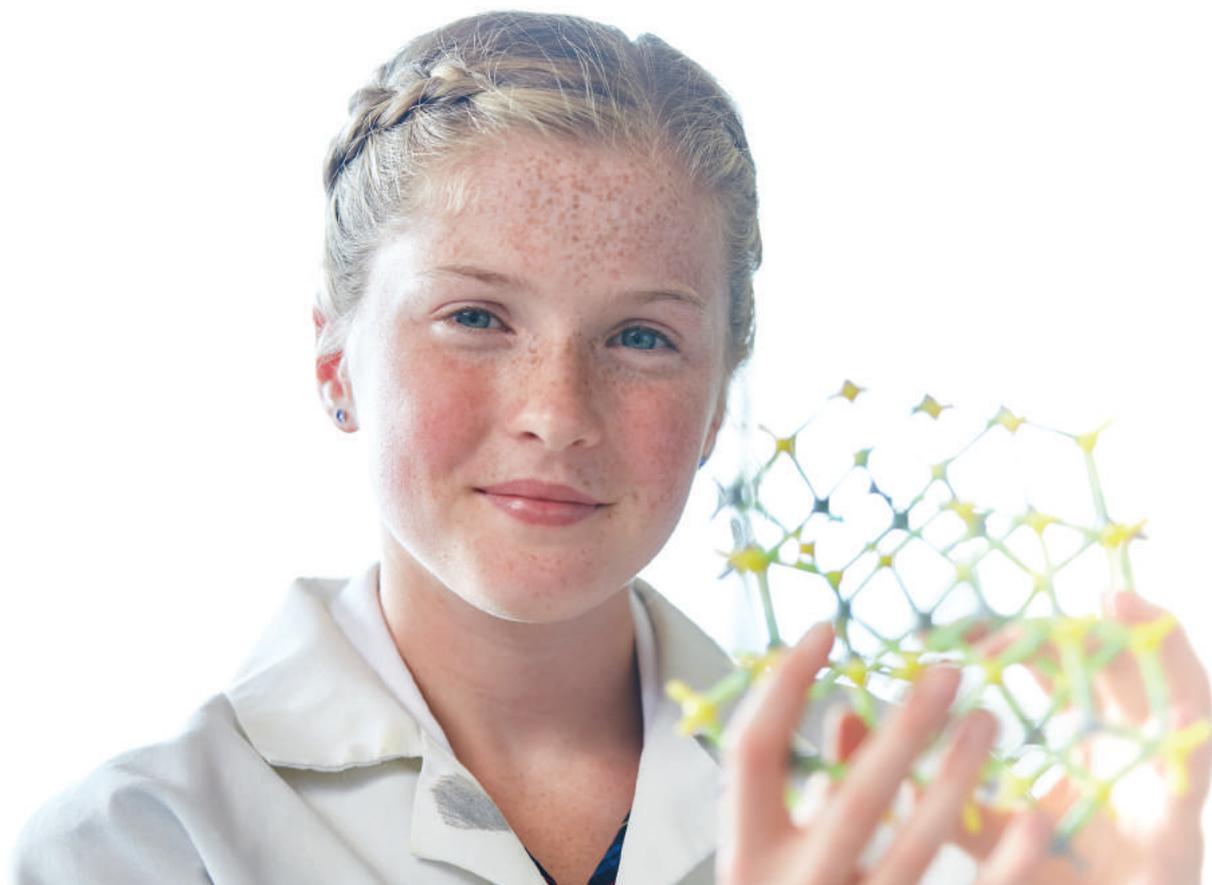
You will engage in the following mathematical activities within the areas of study:

- Apply knowledge and skills: Use and apply a range of mathematical concepts, skills and procedures to solve problems based on a range of everyday and real-life contexts
- Model, investigate and solve problems: Apply mathematical procedures to solve practical problems in both familiar and new contexts, and communicate the results
- Use technology: Select and use technology to solve problems in practical contexts.

Pathways

Foundation Mathematics does not provide a pathway for students who intend to study any Unit 3 and 4 Mathematics subjects.





Year 11 Mathematics

VCE UNITS 1 - 2 GENERAL MATHEMATICS (YEAR 11)

General Mathematics is designed to provide access to worthwhile and challenging mathematical learning in a way which takes into account the needs and aspirations of a wide range of students. Your learning in this subject will develop your skills so that you can transfer your mathematical understanding to everyday contexts. This subject will also develop your awareness of the importance of mathematics in everyday life in a technological society, and your confidence in making effective use of mathematical ideas, techniques and processes. You will use the CAS (Computer Algebra Systems) calculator as a learning tool to enhance your understanding and skills.

You will engage in the following mathematical activities within the areas of study:

- Apply knowledge and skills: Learning and practising mathematical algorithms, routines and techniques, and using them to find solutions to standard problems
- Model, investigate and solve problems: The application of mathematical knowledge and skills in situations that range from well-defined and familiar to open-ended and unfamiliar, including situations that require investigative, modelling or problem solving approaches
- Use technology: The effective and appropriate use of technology to produce results, which support learning mathematics and its application in different contexts.
- Modelling, problem-solving and mathematical investigations

You will develop knowledge based around the following areas of study:

- Arithmetic and Number – Computational and practical arithmetic, Financial arithmetic
- Statistics – Investigating and comparing data distributions, Investigating relationships between two numerical variables
- Algebra and Structure – Linear relations and equations
- Graphs on linear and non-linear relations – Linear graphs and models, Inequalities and Linear Programming
- Discrete Mathematics – Graphs and networks, Number patterns and recursion.





Year 11 Mathematics

VCE UNITS 1 - 2 MATHEMATICAL METHODS (YEAR 11)

If you like working with algebra, graphs and numbers of all types like fractions, indices and surds, then this VCE subject is for you. You will be exposed to worthwhile and challenging mathematical learning. You will learn to apply skills to solve problems like 'Is that skateboard ramp safe?' or 'How can materials be minimized when making a package for a product?'

You must have studied Year 10 Mathematical Methods Semester 2 prior to beginning Unit 1. You will continue to use the CAS (Computer Algebra Systems) calculator as a learning tool to enhance your understanding.

Pathway

This subject is preparation for and leads to further study in the following subjects: Units 3 & 4 Mathematical Methods in conjunction with Units 3 and 4 Specialist Mathematics, or, Units 3 & 4 Mathematical Methods, or, if struggling with Units 1 and 2 Mathematical Methods then you can do Units 3 and 4 Further Mathematics.

VCE UNITS 1 - 2 SPECIALIST MATHEMATICS (YEAR 11)

Specialist Mathematics is specifically designed for students who wish to undertake an in-depth study of mathematics, with an emphasis on concepts, skills and processes related to mathematical structure, modelling, problem solving and reasoning.

Mathematical Methods Units 1 and 2 and Specialist Mathematics Units 1 and 2, taken in conjunction, provide a comprehensive preparation for Specialist Mathematics Units 3 and 4.

This subject is designed to provide you with access to worthwhile and challenging mathematical learning in a way that takes into account different needs and starting points. It is also designed to promote your awareness of the importance of mathematics in everyday life in a society which increasingly relies on technology and your confidence in making effective use of mathematical concepts, processes and skills in practical and theoretical contexts.

Pathways

Unit 1 and 2 Specialist Mathematics is a precursor for Specialist Mathematics Units 3 and 4 and must be studied in conjunction with Unit 1 and 2 Mathematical Methods.





Year 11 Science

VCE BIOLOGY UNITS 1-2 (YEAR 11)

In Units 1 and 2 Biology, you will be investigating ‘How do living things stay alive?’ as well as explore how cells reproduce and pass on their genetic information. In Unit 1 you will study topics such as cells, biological processes including photosynthesis and respiration, animal and plant adaptations and population dynamics in communities of species. You will visit Pt Addis Marine National Park to undertake an intertidal field study.

In Unit 2 you will learn about the advantages and disadvantages of asexual and sexual reproduction, be able to explain the role of stem cells in cell growth and in medical therapies and apply your understanding of genetics to describe patterns of inheritance. Over the course of both units, you will plan, undertake and report on various experiments as well as conduct a student-directed research investigation into a genetics or reproductive science issue.

Pathways

This subject is a good preparation for and leads to further study in VCE Biology Units 3-4.

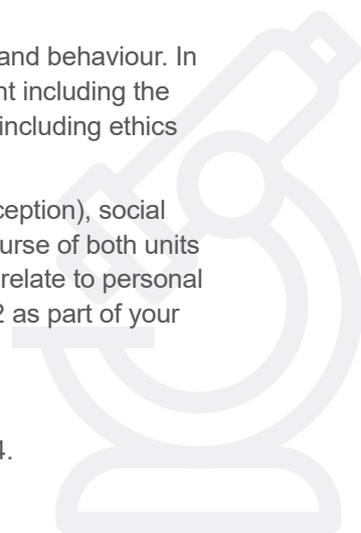
VCE PSYCHOLOGY UNITS 1-2 (YEAR 11)

In Units 1 and 2 Psychology you will be introduced to the scientific study of the human mind and behaviour. In Unit 1 you will study topics such as the brain and nervous system, psychological development including the nature versus nurture debate, concepts of normality and abnormality and research methods including ethics and experimental design.

In Unit 2, you will learn about perception and sensation (with a focus on visual and taste perception), social cognition (including attitudes and prejudice), and social influences on behaviour. Over the course of both units you will plan, undertake and report on various experiments whilst learning how your findings relate to personal experiences and everyday circumstances. You will also visit the Barwon Prison during Unit 2 as part of your study of attitude formation.

Pathways

This subject is a good preparation for and leads to further study in VCE Psychology Units 3-4.





Year 11 Science

VCE CHEMISTRY UNITS 1-2 (YEAR 11)

If you enjoyed learning about chemical reactions and atomic structure in years 7-10 and would like to build on your skills and understanding of these areas then this subject is for you. In Unit 1 you will investigate the chemical properties of a range of materials from metals to salts to polymers and nanomaterials. You will learn about elements, the periodic table, atomic structure and bonding and be able to relate structure to properties and specific applications. You will also be introduced to calculations in Chemistry including the mole concept. A research investigation will allow you to further develop your understanding of some of the materials covered in this unit of study.

In Unit 2 we focus on what makes water such a unique chemical, explore its physical and chemical properties and relate this to its structure and bonding. You will also investigate a range of chemical reactions that occur in water. You will consider a range of techniques that can be used to analyze water samples for various solutes, including chemical contaminants. You will also be required to complete a quantitative laboratory investigation relating to water quality. Note that there is the application of some mathematics involved in this subject – you should be confident in using and manipulating equations.

Pathways

This subject is a good preparation for and leads to further study in VCE Chemistry Units 3-4.

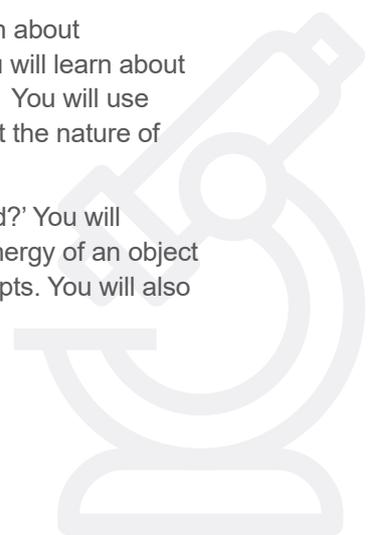
VCE PHYSICS UNITS 1-2 (YEAR 11)

In Unit 1 you will explore the question: 'What Ideas Explain the physical world?' You will learn about thermodynamic concepts and how they affect our day to day lives and the environment. You will learn about how electricity in the basic design module and build on this investigating circuit components. You will use Mathematics to analyze circuits and describe safe use of electricity. You will also learn about the nature of atoms and the origins of time and space.

In Unit 2 you will explore the questions 'What do experiments reveal about the physical world?' You will observe motion and the effects of forces on the motion of a body. You will learn about the energy of an object and energy transformations. You will create mathematical models to investigate these concepts. You will also engage in an 'Extended Practical Investigation' with support from your teacher.

Pathways

This subject is a good preparation for and leads to further study in VCE Physics Units 3-4.





Year 11 Humanities

VCE 20TH CENTURY HISTORY UNITS 1-2 (YEAR 11)

Are you interested in the Holocaust or the impact of the first atomic bomb? How about the 'space race' of the 1960s; the Vietnam War protests and the music that defined a generation? These topics and many more are the focus of this subject.

In Unit 1 the focus is on 1900 to 1945 - the first half of the twentieth century was marked by significant change. Up until World War I there was still a sense of a certain and natural order of society. This order was challenged and new movements emerged in response to economic, social and political crises and conflicts. You will explore post World War 1 developments in Germany, including the rise of Nazism and the Third Reich, as well as changes in inter-war society and the emergence of many forms of cultural expression.

Unit 2 has a focus on the world since 1945. Following World War II the United States and the USSR emerged as new world superpowers. Despite advances in technology, diplomacy and efforts to improve the quality of life for humankind, wars and civil unrest continued to take a huge toll on human life across the globe. You will consider some of the major themes of post-World War II history, and ways in which individuals and communities responded to political, economic, social and technological developments. Some of the major events and issues you will study include the Korean Conflict, the Cold War, the rise and influence of popular culture, and the fall of the Berlin Wall. You will also investigate al-Qaeda and the Taliban in Afghanistan and 'the war on terror'.

Pathways

This subject is a good preparation for and leads to further study in VCE History: Revolutions Units 3-4.





Year 11 Humanities

VCE LEGAL STUDIES UNITS 1-2 (YEAR 11)

In Unit 1 you will explore Criminal Law in Action. The law influences all aspects of society – at home, at work and in the wider community. Laws are used by society to preserve social cohesion, and to ensure the protection of people from harm and from the infringement of their rights.

You will examine the need for laws in society and investigate the key features of criminal law, how it is enforced and adjudicated and possible outcomes and impacts of crime. Through a consideration of contemporary cases and issues, you will learn about different types of crimes and explore rights and responsibilities under criminal law. You will consider the role of parliament and subordinate authorities in law-making, the processes and procedures followed by courts in hearing and resolving criminal cases and explore the main features, operations and effectiveness of criminal courts.

In Unit 2 you will explore Issues in Civil Law. The civil law regulates the rights and responsibilities that exist between individuals, groups and organizations. You will learn about the rights that are protected by civil law, as well as obligations that laws impose, types of civil laws and the role of civil law in society. You will also focus on the resolution of civil disputes through judicial determination and alternative methods in courts, tribunals and independent bodies.

You will investigate issues of personal interest, visit institutions such as the Geelong Law Courts and Barwon Prison Lara, and engage with experts from the broader community. You will also have the opportunity to participate in an interschool Mock Court program run by the 'young lawyers' from the Geelong Law Association.

Pathways

This subject is a good preparation for and leads to further study in VCE Legal Studies Units 3-4.



Year 11 Health & Physical Education

VCE HEALTH AND HUMAN DEVELOPMENT UNITS 1-2 (YEAR 11)

This course look at health and wellbeing as a concept across the lifespan.

Unit 1 develops a foundation understanding of health and wellbeing as students investigate the World Health Organisation's (WHO) definition of Health and Wellbeing and explore other interpretations. throughout the course students identify personal perspectives and priorities relating to health and wellbeing and enquire into factors that influence health attitudes, beliefs and practices, among different population groups. Unit 1 has a focus on Youth Health and Wellbeing, with students considering their own health as individuals and as a cohort. They build health literacy through interpreting and using data, through investigating the role of food, and through extended inquiry into one youth focus area.

Unit 2 investigates changes and expectations that are part of the progression from youth to adulthood. This unit examines adulthood as a time of increasing independence and responsibility, involving the establishment of long-term relationships, possible considerations of pre-natal development and parenthood and the management of the health-related milestones and changes throughout the lifespan.

Pathways

This subject is a good preparation for and leads to further study in VCE Health and Human Development Units 3-4.





Year 11 Health & Physical Education

VCE PHYSICAL EDUCATION UNITS 1-2 (YEAR 11)

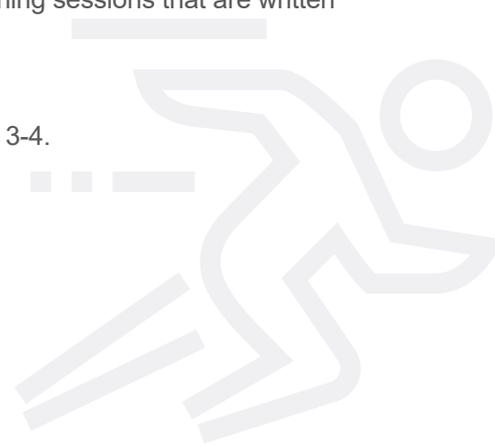
If you enjoy learning about how the systems of the human body work together to produce movement then this is the subject for you. In Unit 1 you will develop an understanding of physical activity, sport and society from a participatory perspective. You will actively promote physical activity in different settings rather than just learning about why it is good for you. You will be responsible for increasing the physical activity of a person of your choice. You will collect and analyze data on their participation in physical activity and sedentary behaviours, then create and undertake a plan for them to meet the Australian guidelines for physical activity. You will make links between physical activity, sport, health and society.

You will learn about how the respiratory and cardiovascular system work in conjunction with the musculoskeletal system to allow us to perform physically. This allows us to look at how these systems change when we are rest and when we are exercising. We then discover how these systems can be trained to improve our fitness and in turn make us perform better. You will be involved in weekly physical activities where we will be able to put into action what we are learning in theory.

You will be able to explain how the musculoskeletal system functions to produce movement and how performance can be enhanced both legally and illegally. You will be able to explain how the cardiorespiratory system changes at rest and during physical activity, and how using performance enhancing practices can have both benefits and harms to the body. You will also design and participate in 4 training sessions that are written up as a mini training diary.

Pathways

This subject is a good preparation for and leads to further study in VCE PE Units 3-4.





Year 11 Health & Physical Education

VCE OUTDOOR & ENVIRONMENTAL STUDIES UNITS 1-2 (YEAR 11)

Outdoor and Environmental Studies combines practical experiences and theoretical knowledge of the outdoor environment.

Unit 1 focus on exploring outdoor experiences. You will examine motivations for and responses to nature and outdoor experiences. You will examine a variety of different types of outdoor environments and be introduced to a cultural perspective on the ways humans relate to outdoor environments. You will learn to participate safely in outdoor experiences and develop relevant practical skills including first aid to enable safe participation in practical experiences.

You will then examine the influences on outdoor experiences and evaluate how your personal responses are influenced by media portrayals of outdoor environments and perceptions of risk involved in outdoor experiences. You will consider factors that affect access to outdoor experiences and explain the effect of different technologies on outdoor experiences.

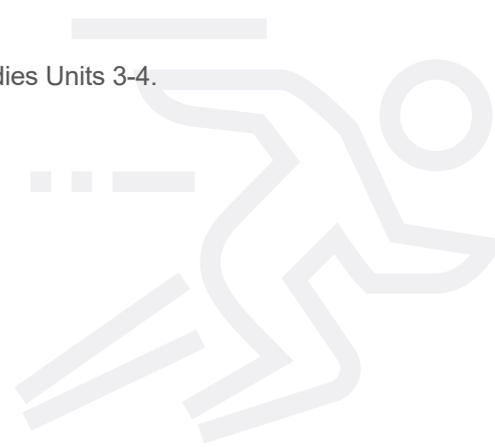
In Unit 2 the focus is on discovering outdoor environments. You will learn about the characteristics of a variety of outdoor environments, including those visited during practical outdoor experiences. You will undertake case studies of different types of outdoor environments to observe and experience how changes to nature affect people. You will then learn about human activities undertaken in outdoor environments and their impacts on those environments. Additionally will investigate and model individual and group responsibilities for activities in outdoor environments, including community-based environmental action to promote positive impacts on outdoor environments.

Practical Experiences

- 3 Day Hiking Camp: this trip includes hiking the amazing Otway coastline on the Great Ocean Walk. It also includes a visit to Melba Gully and the glow worms at night, the camp concludes with a Treetop Walk at the Otway Fly
- 3 Day Ski Camp: this trip includes a 3-day visit to the edge of the Alpine National Park, including 2 days of Cross Country skiing at Mount Stirling and sleeping in the specially designed tents of the Mount Stirling Experience. It is an exciting and challenging once in a lifetime experience.
- Camps are a compulsory component of the course. A minimum of 20 hours of practical experience, must be undertaken in order to obtain a 'satisfactory' completion of Units 1 and 2. It is expected that you enrolled will attend both camps.

Pathways

These Units are preparation for VCE Outdoor Education and Environmental Studies Units 3-4.





Year 11 Technology

VCE FOOD STUDIES UNITS 1-2 (YEAR 11)

In Unit 1 you will explore how humanity has historically sourced its food from hunter-gatherers to global food trades. You will look at Australian indigenous food and consider food patterns since European settlement. You will investigate cuisines that are part of Australia's identity today and reflect on the concept of an Australian cuisine. Influences of technology and globalization on food patterns are explored.

In unit 2 you will investigate food systems in contemporary Australia looking at both commercial food production industries and food production in small-scale, domestic settings. The importance of high-quality and safe foods, that meet the needs of consumers, are investigated. In both Units 1 and 2 you will use your practical skills and knowledge to produce foods and analyze the benefits and challenges of developing and using food skills in daily life.

Pathways

This subject is a good preparation for and leads to further study in VCE Food Studies Units 3-4.





Year 11 Arts

VCE MEDIA UNITS 1-2 (YEAR 11)

In Unit 1 as Media students you will examine the way meaning is constructed via many media forms. You will be introduced to the key concept of 'representation' and how it is used to construct a reality to an audience. You will create representations using a variety of media formats as well as exploring the unique and diverse position Australian narratives occupy within our culture.

You will analyze how media codes and conventions work to create meaning in media texts. You will design, produce and evaluate media products using the production design process. You will also examine 'Australian stories' and analyze, compare and discuss the many factors that influence Australian texts from production to audience reception.

In Unit 2 you will explore and examine how narratives construct realities and meaning for audiences using media language. Working collaboratively, and individually, you will create narratives via the media production process. You will study at least two narratives in two different media forms to gain an understanding of the construction of narrative. This will involve analyzing the structure of narratives in different media forms as well as designing and producing narratives via the media production process. You will also analyze how digital technologies and audiences are connected within the media landscape.

Pathways

This subject is preparation for and leads to further study in VCE Media Units 3 and 4.





Year 11 Arts

STUDIO ARTS UNITS 1-2 (YEAR 11)

The focus of Unit 1 is 'Studio Inspiration and Techniques'. You will explore individual ideas and identify sources of inspiration to be used for making art using a variety of different Art Forms. You will learn about art making practices that use a variety of methods to communicate design ideas. You will study artists, art styles and artworks to understand cultural and historical contexts.

You will produce a folio of work that explores art elements and principles by exploring a variety of subject matter and art forms. You will develop a concept and ideas to develop your independent studio process to produce at least one finished artwork in a selected art form and then reflect on your work. You will also discuss the artistic practice of artists from different times and cultures, identify sources of inspiration and influence and, materials and techniques, for at least two artworks by two artists.

In Unit 2 students individually document sources of inspiration and experimentation with materials, and techniques using selected art forms. They explore subject matter and aesthetics, recording the development of their work in a visual diary. Students learn about the appropriation of artworks.

You will also explore studio practice and the development of artworks. You develop an individual exploration proposal to form the basis of a studio process and potential directions in a visual diary for at least one artwork. You then create the artwork and reflect on your work. You will also compare a range of historical and contemporary art periods, styles/movements and analyze the ways in which artists communicate ideas, develop styles and demonstrate aesthetic qualities in artworks.

Art forms that can be used in Studio Arts include: painting, drawing, printmaking, textiles, sculpture, clay, collage, mixed media, digital media and photography.

Pathways

These Units are preparation for VCE Studio Arts Units 3 and 4.





Year 11 Arts

VISUAL COMMUNICATION DESIGN UNITS 1-2 (YEAR 11)

Most of the work in this subject is practical by nature, with many requiring drawing. There is a written component to the subject.

In Unit 1 you will develop your thinking and drawing skills to make your ideas become real. You create a variety of visual communications for different purposes. You will describe how visual communications have been influenced by past and contemporary practices, and by social and cultural factors. You will develop your skills in freehand drawing and observational drawing using a variety of drawing methods, media and materials.

In Unit 2 you will apply your design and drawing skills to specific design areas. You will create presentation drawings using technical drawing systems. You will manipulate type and imagery for print and screen-based presentations. You will navigate the design process to create a visual communication appropriate to a given brief. You will develop your skills in freehand, instrumental and computer-based drawing.

Pathways

This subject is the foundation for further study VCE Visual Communication Design Units 3-4.





Year 11 Arts

VCE DRAMA UNIT 1 / THEATRE STUDIES UNIT 2 (YEAR 11)

Unit 1 Drama focuses on studying performance styles from a range of social, historical and cultural contexts. You will examine drama traditions of ritual and storytelling to devise performances that go beyond re-creation and/or representation of real life as it is lived. You will create, present and analyse a devised solo and/or ensemble performance that includes real or imagined characters and is based on stimulus material that reflects personal, cultural and/or community experiences and stories. You will analyse your own performance work and a work by professional drama performers. You will apply play-making techniques to shape and give meaning to your performance. You will document the processes you use as you explore a range of stimulus material, and experiment with production areas, dramatic elements, conventions and performance styles.

Unit 2 Theatre Studies focuses on the application of acting, direction and design in relation to theatre styles from the modern era, that is, the 1920s to present. You will creatively and imaginatively work in production roles with scripts from the modern era of theatre, focusing on at least three distinct theatre styles. You will study innovations in theatre production in the modern era and apply this knowledge to your own works. You will develop knowledge and skills about theatre production processes including dramaturgy, planning, development and performance to an audience and apply this to your work. You will study safe and ethical working practices in theatre production and develop skills of performance analysis, which you will apply to the analysis of a play in performance.

Pathways

Drama Unit 1 and theatre Studies Unit 2 are a pathway and lead to Theatre Studies Units 3 and 4

VCE MUSIC PERFORMANCE UNITS 1-2 (YEAR 11)

Unit 1 focuses on building performance and musicianship skills. You will develop a repertoire of solo and group works for performance. You practise technical exercises to meet the stylistic and expressive challenges required by these works. You will study aural, theory and analysis concepts to further develop your musicianship.

Unit 2 continues to build performance and musicianship skills. You will develop a repertoire of solo and group works for performance. You continue to practise technical exercises to meet the stylistic and expressive challenges required by these works. You study aural, theory and analysis concepts to further develop their musicianship. You will also devise an original composition or improvisation.

In order to do this subject you are required to be having regular private lessons on your instrument of choice. It is highly recommended that you are up to Grade 3 in theory.

Pathways

This subject is preparation for and leads to further study in VCE Music Units 3 and 4 and, VET Certificate 4 in Music Industry (for members of Sweethearts only).



Year 11 Languages

VCE FRENCH UNITS 1-2 (YEAR 11)

In Units 1 and 2 you will continue to improve their reading, writing, listening and speaking skills in French. You greatly improve your knowledge of French grammar which enables you to communicate with greater accuracy and sentence variety. Topics include: school life in France; daily routines at school and at home; Le Maroc, one of the many French-speaking countries in Africa; social outings and how to persuade people in French. We then explore the world of French art before learning about some important figures in French history and historical connections between France and Australia.

Outcomes will focus on assessing the key skills of reading, writing, listening and speaking.

Pathways

This subject is preparation for and leads to further study in VCE French Units 3-4.

VCE INDONESIAN UNITS 1-2 (YEAR 11)

In Units 1 and 2 you will continue to improve your reading, writing, listening and speaking skills in Indonesian. You will learn Indonesian through studying a range of topics, such as the personal world of a young Indonesian person, which includes what music they listen to, what films they like, where they hang out on weekends, and their use of slang. You will investigate how much they are influenced by Western culture, and how to express their opinions about that. Of course, the annual visit by students from our sister school in Lombok helps in this area of study.

Pathway

To do this subject, you would have to have obtained a pass in Year 10 Indonesian. You may also have the opportunity to travel to Lombok to visit our Indonesian sister school and participate in a homestay program. This subject is preparation for and leads to further study in VCE Indonesian Units 3-4.



VCE and VCAL Curriculum

VCE UNITS 3-4 YEAR 12

YEAR 12

ENGLISH	MATHS	SCIENCE	HUMANITIES	TECHNOLOGY	H.A.P.E	ARTS
ENGLISH/EAL LITERATURE	FURTHER MATHS	BIOLOGY	HISTORY: REVOLUTIONS	FOOD STUDIES	HEALTH & HUMAN DEVELOPMENT	MUSIC PERFORMANCE
	MATHS METHODS	PSYCHOLOGY		LANGUAGES		PHYSICAL EDUCATION
	SPECIALIST MATHS	CHEMISTRY	LEGAL STUDIES		FRENCH	OUTDOOR & ENVIRONMENTAL STUDIES <small>(Not offered at MFG in 2020)</small>
		PHYSICS		INDONESIAN		STUDIO ARTS
		ENVIRONMENTAL SCIENCE				VISUAL COMMUNICATION DESIGN

Girls in business of helping

OLIVIA SHYING

A DESIRE to help a classmate whose father was battling cancer was the key driver for a group of school students to get top marks.

Matthew Flinders Girls Secondary College VCAL students raised more than \$1000 through Project Love — an assignment that counts for a large proportion of their final grade.

Chelsea Van de Ven's Year 12 was made all the harder when her father was diagnosed with pancreatic cancer.

Throughout his treatment he has been cared for by staff at the Andrew Love Cancer Centre.

Student Alicia Alt said students in the VCAL class

to create a business, establish an occupational health and safety plan, create a product and make a profit.

When it came to choosing the charity to donate the funds to — the decision was easy.

Teacher Kylie Howarth said all students wanted to support a cause close to Chelsea's heart.

The girls made handmade items — mainly up-cycled from preloved material — and sold them at the school. Costs removed, they made more than \$1000 profit, the highest amount raised by any VCAL class at the college.

Chelsea said her family was overwhelmed by the school's support.

Students researched the fund and raised the



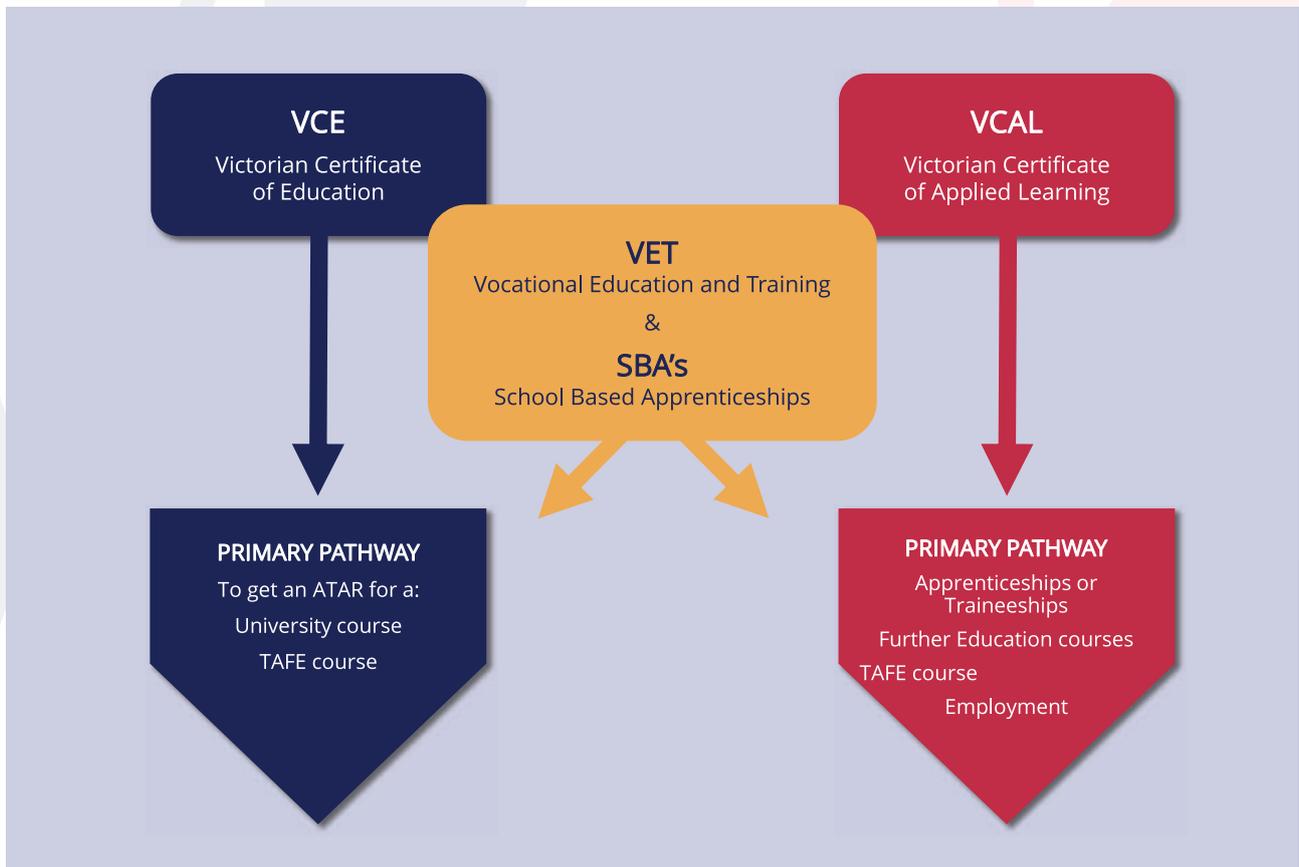
HELPING HANDS: Matthew Flinders students Serena Gravett, Chelsea Van de Ven and Alicia Alt

VCE and VCAL Curriculum

At MFG you have many pathway options in your final year of school. These include:

- The Victorian Certificate of Education (VCE) Units 3-4
- The Victorian Certificate of Applied Learning (VCAL)
- Vocational Education and Training (VET)
- School Based Apprenticeships (SBA)

Please read each Unit's description carefully as there are some units that have special pathways or requirements. For example, to study a Language in VCE Units 3-4, the language must have been studied in Units 1 and 2. Please pay special attention to the Mathematics Pathways.





Year 12 English

VCE ENGLISH UNITS 3-4 (YEAR 12)

English helps you to become a confident communicator, imaginative and creative thinker and informed citizen. Through the study of English, you will learn to analyze, understand, communicate and develop relationships with others and the world around you. You must satisfactorily complete an English sequence in order to gain your VCE.

Building on previous English learning, the focus of this course is on reading, writing, speaking and listening to a range of different texts, developing your understanding of how meaning is created, as well as the different ways in which a text can be interpreted. You will also enhance your ability to think critically and creatively as well as increasing your appreciation and enjoyment of language.

You will focus on the reading of a range of literary texts to develop critical and supported responses. There are two texts studied over the course of the year – these are selected from a list published annually by VCAA. You will develop your understanding of how a selected text constructs meaning, conveys ideas and values, and is open to a range of interpretations and produce a written analysis of the text in a formal essay.

You will explore how comparing texts can provide a deeper understanding of ideas, issues and themes. You will investigate how the reader's understanding of one text is broadened and deepened when considered in relation to another text.

There is also a focus on the analysis and comparison of the use of written and visual language in texts that debate a current issue in the Australian media and the presentation of your own point of view on a selected issue in oral form.

VCE LITERATURE UNITS 3-4 (YEAR 12)

Literature involves the study and enjoyment of a wide range of literary texts – classical, popular, traditional and modern. Its distinctive focus is on the use of language to illuminate and give insight into the nature of experience. Literature is an interactive study between the text, the social/political/economic context in which the text was produced, and the experiences of life and of literature that the reader brings to the text.

In class we ask questions about the author's concerns, the experiences of characters, and how meaning is created through the text's use of language and literary devices.

There are no prerequisites for Units 1, 2 and 3 Literature, but Unit 3 must be studied before Unit 4. If you aim to do Literature Units 3 and 4 as your only English subject, it is recommended that you study Units 1 and 2 Literature if you wish to maximize your English score.



Year 12 Mathematics

VCE FURTHER MATHS UNIT 3-4 (YEAR 12)

If you study Further Mathematics you will have studied General Mathematics Unit 1 and 2 or Mathematical Methods Units 1 and 2.

You will study Data Analysis which is the investigation of data, finding the relationship between sets of data and looking at how to analyze data over time. Financial modelling is focused on developing your understanding and skills so that you can handle finances and plan for the future. The 'Networks' focus is a logical way to look at problem solving and is often used in planning and event management. You will explore 'Matrices' which involves representing data to solve problems and are used in consumer shopping, travel, school enrolments, sporting competitions.

You will be expected to have a CAS (Computer Algebra Systems) calculator as one of the assessed learning outcomes is "use of technology".

VCE MATHS METHODS UNIT 3-4 (YEAR 12)

This subject is designed to provide you with access to worthwhile and challenging mathematical learning in a way that takes into account your learning needs. It is also designed to promote your awareness of the importance of mathematics in everyday life in a technological society, and confidence in making effective use of mathematical ideas, techniques and processes.

You will engage in the following mathematical activities within the areas of study:

- Apply knowledge and skills: Learning and practising mathematical algorithms, routines and techniques, and using them to find solutions to standard problems.
- Model, investigate and solve problems: The application of mathematical knowledge and skills in unfamiliar situations, including situations that require investigative, modelling or problem solving approaches.
- Use technology: The effective and appropriate use of technology to produce results, which support learning mathematics and its application in different contexts.
- You will use the CAS (Computer Algebra Systems) calculator as a learning tool to enhance your understanding of the concepts.



Year 12 Mathematics

VCE SPECIALIST MATHS UNITS 3-4 (YEAR 12)

Specialist Mathematics builds on the learning in Mathematical Methods Units 3 and 4. It also builds on what is learnt in Specialist Mathematics and Mathematical Methods Units 1 and 2.

You will engage in the following mathematical activities within the areas of study:

- Apply knowledge and skills: Learning and practising mathematical algorithms, routines and techniques, and using them to find solutions to standard problems
- Model, investigate and solve problems
- Use technology: The effective and appropriate use of technology to produce results, which support learning mathematics and its application in different contexts
- You will use the CAS (Computer Algebra Systems) calculator as a learning tool to enhance your understanding of the concepts.

Specialist Mathematics has Mathematical Methods 3 & 4 as a co-requisite – that is to study Specialist Mathematics you must have studied or are studying Mathematical Methods 3 & 4). You should also have studied Specialist Mathematics 1 & 2. You need to be sure you have the algebra skills to support the content covered in Specialist Mathematics.





Year 12 Science

VCE BIOLOGY UNITS 3-4 (YEAR 12)

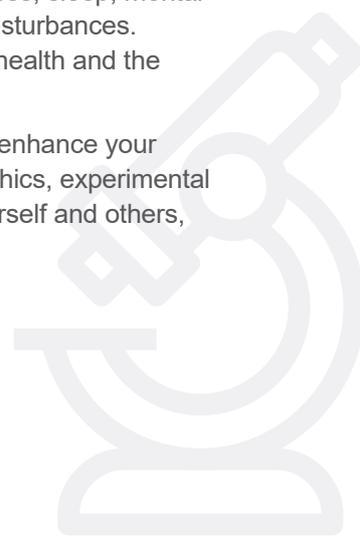
In Unit 3 Biology you will explore the question 'How do cells maintain life?' which includes key cellular processes including enzyme regulation, photosynthesis and cellular respiration as well communication between cells and immune responses to invading pathogens. In Unit 4 Biology you will learn explore 'How are species related?' and 'How do humans impact on biological processes?'

Throughout the year, you will take part in a number of different activities and experiments to enhance your learning. You will create an electronic scientific poster to communicate your findings of a scientific investigation as well as attend BioLab and undertake a DNA manipulation technique using the latest genetic technology.

VCE PSYCHOLOGY UNITS 3-4 (YEAR 12)

Psychology is the scientific study of the mind and of human behaviour. In Unit 3 Psychology you will learn about topics including nervous system functioning, the different types of stress, causes and strategies for coping with stress, as well as learning and memory. For example, you will learn about the different models of memory as well as techniques for improving memory. In Unit 4 you will study topics such as consciousness, sleep, mental health and phobias. For example, you will learn about the stages of sleep and major sleep disturbances. You will also begin to understand the factors that are involved in the maintenance of mental health and the development of mental illness.

Throughout the year, you will take part in a number of different activities and experiments to enhance your learning. You will also learn about the research methods involved in Psychology, including ethics, experimental design, reporting conventions and basic statistics. If you are interested in learning about yourself and others, then Psychology is the subject for you!





Year 12 Science

VCE CHEMISTRY UNITS 3-4 (YEAR 12)

If you enjoyed Chemistry 1-2 and would like to build on your understanding of reaction types and chemical production then this subject is for you. In Unit 3 you will learn about the range of fuels available for humans to use to produce energy and the reactions associated with these. You will consider the advantages and disadvantages of each fuel from an environmental and economic perspective. You will learn how to optimize reaction conditions to get the maximum yield from chemical reactions in industry.

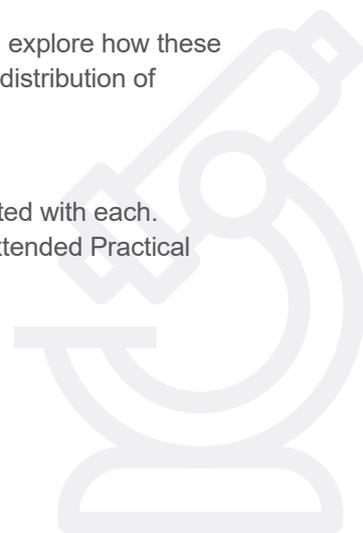
In Unit 4 you will be involved in a detailed study of the amazing chemistry of carbon compounds. You will learn various reaction pathways to synthesize a range of carbon compounds and the instrumentation that is used to analyze these compounds. You will use molecular models and experiments to consider important compounds such as proteins, carbohydrates and fats and how the chemical structure of these compounds influences their properties and behaviour. There is some mathematics involved in this subject and you should be confident in using and manipulating equations.

VCE PHYSICS UNIT 3-4 (YEAR 12)

In Unit 3 you will learn about the three fields – gravitational, electrical and magnetic. You will explore how these fields determine the energy and forces on an object. You will learn about the production and distribution of electricity and the subsidiaries of this. You will further enhance your studies of motion.

In Unit 4 you will explore how two contradictory models explain both light and matter.

You will explore both wave models and particle models for light and the phenomena associated with each. You will investigate theories behind the aspects of light and matter. You will undertake an Extended Practical Investigation with guidance from your teacher.





Year 12 Science

VCE ENVIRONMENTAL SCIENCE UNITS 3-4 (YEAR 12)

Are you interested in the environment and the role humans play in keeping it healthy? Have you enjoyed learning about sustainability in the past? Environmental Science combines mathematics, some biology, some chemistry and even a little bit of physics.

This subject will provide you with the opportunity to understand the impacts that humans have on the environment and what can be done to minimize these impacts. In the first half of the year we will look at biodiversity and how development can be sustained in our ever evolving world. You will have the chance to apply the knowledge you gain in the classroom to real situations out in the field. In the second half of the year we will look at how we can reduce the impacts of human energy use. We will analyze the social and environmental impacts of energy production and use on society and the environment. We will also explore the complexities of Climate Change and use data to support the science behind it.

This subject has no prerequisites.





VCE LEGAL STUDIES UNITS 3-4 (YEAR 12)

In Unit 3 you will develop an understanding of the institutions that determine our laws, and their law-making powers and processes and undertake an informed evaluation of the effectiveness of law-making bodies. You will develop an appreciation of the complex nature of law-making by investigating the key features and operation of parliament, and influences on law-making, with a focus on the role of the individual. Central to the investigation of law-making is the role played by the Commonwealth Constitution. You will learn about the importance of the Constitution and the High Court in your life and in society as a whole, and undertake a comparative analysis with another country. You will investigate the nature and importance of courts as law-makers and undertake an evaluation of their effectiveness as law-making bodies. You will also investigate the relationships that exist between parliaments and courts.

Unit 4 introduces you to the concept that the legal system provides mechanisms by which legal disputes of both a criminal and a civil nature can be resolved in a fair and just manner. Dispute resolution bodies such as courts and tribunals employ a range of means and processes that enables the resolution of legal disputes. You will examine the institutions that adjudicate criminal cases and civil disputes and investigate methods of dispute resolution that can be used as an alternative to civil litigation. You will learn about the processes and procedures followed in courtrooms and develop an understanding of the adversary system of trial and the jury system, as well as pre-trial and post-trial procedures that operate in the Victorian legal system. Using the elements of an effective legal system, you will then consider the extent to which court processes and procedures contribute to the effective operation of the legal system and consider reforms or changes that could further improve its effective operation.

VCE HISTORY: REVOLUTIONS UNITS 3-4 (YEAR 12)

Would you like to reinvent the society you live in today? What would you revolutionize? Few events in history are as momentous or complex as revolutions. Growing out of a desire for new and better societies, they generate powerful forces for change along with unintended consequences. Revolutions can bring hope, liberation, transformation, dispossession, civil war, terror and corruption.

The Chinese or Russian Revolutions are options available in this course. You will begin your study learning about the overthrow of the old imperial regimes and the resulting new communist societies. You will discover how both revolutions are of global significance in the twentieth and twenty-first centuries. You will study one revolution in Unit 3 and the other revolution in Unit 4 and investigate the causes and consequences of revolution.



Year 12 Health & Physical Education

VCE HEALTH & HUMAN DEVELOPMENT UNIT 3-4 (YEAR 12)

In Unit 3 the focus is on 'Australia's Health' – you will explore the health status of Australians, including variations between population groups such as rural and remote communities, Indigenous populations and different Socio-economic groups. You investigate the National Health Priority Areas and we learn about Health Care Systems in Australia.

Unit 4 the focus is on Global Health and Human Development and you will compare the health status of Australia to that of developing countries. You will evaluate the progress being made towards the United Nations Millennium Development Goals. You also investigate Global Health issues such as literacy, food security, water and sanitation and we evaluate programs implemented by government and non-government organizations in promoting Health, Human Development and Sustainability.

VCE PHYSICAL EDUCATION UNITS 3-4 (YEAR 12)

In Unit 3 Physical Education you will focus on 'The Analysis of Movement and Energy Production'. You will spend some time learning how to classify movement skills and then learn how to analyze these using a number of Biomechanical principles. Additionally, you will learn about how the energy systems interplay to provide fuel for movement. You will learn about fatigue and consider how to delay, prevent and manage fatigue while promoting recovery for a range of athletes.

In Unit 4 the focus shifts to training to improve performance. In this unit you will learn how to undertake activity analysis and then use the data gathered to design a targeted training program. A sound knowledge of fitness components and tests will be developed, along with an understanding of appropriate training methods and principles.

Please note: Practical classes will not run each week but will occur when possible and when they complement your theoretical work at the time.





Year 12 Health & Physical Education

VCE OUTDOOR & ENVIRONMENTAL STUDIES UNITS 3-4 (YEAR 12)

Outdoor and Environmental Studies is a challenging subject involving adventure which combines practical experiences and theoretical knowledge of the outdoor environment.

The focus on Unit 3 is on how Australians have understood and interacted with specific outdoor environments over time, including: Indigenous Australians, Early Settlers, increase in population, Industrialization, and Nation Building. The focus then shifts to the current relationship between humans and the outdoor environments. Practical experiences will enable you to investigate the patterns and types of interaction with the outdoor environment and society's responses to risk taking in the outdoors.

In Unit 4 you explore the contemporary state of environments in Australia and the importance of natural environments to individuals and society – 'Why is our natural environment important for future human societies?' Practical experience will help you to develop your knowledge and skills for safe and sustainable interaction with natural environments. You will then focus on the sustainability of environments in order to support the future needs of ecosystems, individuals and society. You will be required to investigate case studies of conflicts of interest between people involved in the uses of outdoor environments, and develop a clear understanding of the methods and processes commonly used in attempts to resolve these conflicts.

Practical Experiences:

- 4 Day Canoe Camp: this trip includes canoeing, hiking, caving and camping at the Lower Glenelg National Park.
- 4 Day Ski Camp: this trip includes a 4-day visit to the Alpine National Park, including 2 full days of downhill skiing at Mt Buller, an educational seminar from a park ranger and a case study of the uses & impacts of Alpine environments.
- Camps are a compulsory component of this course. A minimum of 20 hours of practical experience, must be undertaken in order to obtain a 'Satisfactory' completion of each Unit 3 and 4. It is expected that you will attend both camps.



Year 12 Technology

VCE FOOD STUDIES UNITS 3-4 (YEAR 12)

In Unit 3 you will investigate the many roles and influences on food. You will explore the science of food and the ways that the body is nourished. You will look at the properties of food and changes made during preparation and cooking. You will study the Australian Dietary Guidelines and the Australian Guide to a Healthy Eating in order to develop an understanding of nutrient requirements and to develop lifelong and healthy dietary patterns. You will investigate the various influences on food choice and the ways that patterns of behaviour and food values have changed over time and the ways in which food information can be filtered and manipulated. The practical component of this unit will enable you to understand food science terminology and to apply specific techniques to the production of everyday food in order to promote nutritious and sustainable meal patterns.

In Unit 4 you will study global and Australian food systems. You will consider issues about the environment, ecology, ethics, farming practices and relevant technologies. You will investigate food security, food waste and the use and management of water and land. You will focus on food information and misinformation in order to draw evidence-based conclusions. You will practice food selection skills by interpreting food labels and analyze the marketing terms used on food packaging. As in unit 3, you will complete practical work that will provide opportunities to respond to environmental and ethical food issues and to extend your food production repertoire reflecting the Australian Dietary Guidelines and the Australian Guide to Healthy Eating.





Year 12 Arts

VCE STUDIO ARTS UNITS 3-4 (YEAR 12)

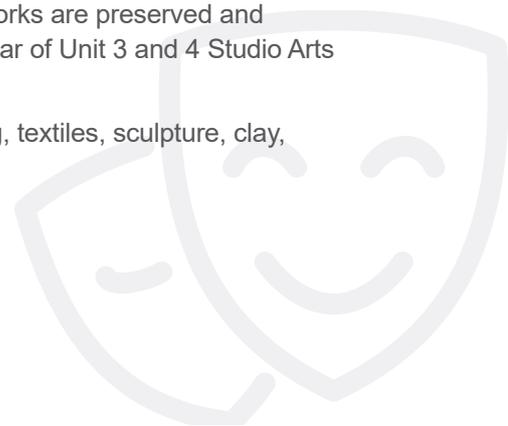
In Unit 3 you will focus on Studio Practices and Processes'. You will explore individual ideas and identify sources of inspiration to be used for developing your own art using a variety of different art forms. You explore art making practices, techniques and applications that use a variety of methods to communicate and develop ideas. You will study artists, art styles and artworks for inspiration, ideas and understanding of cultural and historical contexts.

You will prepare a written Exploration Proposal and Work Plan that sets the content and ideas for an individual Studio Process for the SAT and explains how the proposal will be undertaken. You will then develop and present an individual Studio Process of ideas and designs recorded in written and visual form that produces a range of potential directions, and links with the concepts and ideas in the exploration proposal. This process underpins the Unit 4 ART works. You will also examine the practice of at least two artists from different times, referring to a range of artworks by each artist, in different historical and cultural contexts.

In Unit 4 you will focus on planning the development and refinement and production of two cohesive artworks. The artworks link to the Exploration Proposal, Studio Process and Potential Directions developed in Unit Three. You will develop and present a visual and written evaluation explaining your selected range of Potential Directions from Unit 3 to produce at least two finished artworks in this unit.

You will also compare the methods used by artists and the considerations of curators in the preparation, presentation, conservation and promotion of specific artworks in two different art exhibitions. Roles of gallery staff are investigated. Comparisons of different exhibition spaces and how artworks are preserved and conserved are also examined. You will visit at least two art exhibitions in the year of Unit 3 and 4 Studio Arts study.

Art forms that can be used in Studio Arts include: painting, drawing, printmaking, textiles, sculpture, clay, collage, mixed media, digital media and photography.





Year 12 Arts

VCE VISUAL COMMUNICATION DESIGN UNITS 3-4 (YEAR 12)

Most work in this subject is practical. Most tasks require drawing. There are two short written components to the subject.

In Unit 3 you focus on 'Design thinking and practice'. You will create visual communications for specific contexts, purposes and audiences that are informed by analysis of existing visual communications. You describe how designs are created and produced in the design industries. You then begin your major folio task by preparing your own individual brief, do some research and generate a range of ideas. You will develop your creative skills following the design process, to come up with many different directions that you can follow up later.

The focus of Unit 4 is 'Design development and presentation' and you will build on your learning in Unit 3. You will develop several distinctly different design concepts. By pitching your ideas to the class, you will then select and refine a concept and produce two final presentations in your folio task that satisfy the requirements of the brief. Your folio allows you to showcase your skills in drawing, creative thinking and the design process. For most of the year you will define your own personal focus and direction. You will record your work in a comprehensive folio. This folio is a key component of applying for university and TAFE courses after Year 12.





Year 12 Arts

VCE MEDIA UNITS 3-4 (YEAR 12)

In Unit 3 you will explore stories as media narratives. You will consider the use of media codes and conventions to structure meaning, and how this construction is influenced by the social, cultural, ideological and institutional contexts of production, distribution, consumption and reception. You will assess how audiences from different periods of time and contexts are engaged by, consume and read narratives using appropriate media language.

You will begin the pre-production stage of the media production process to design the production of a media product for a specified audience. You will explore and experiment with media technologies to develop skills in the selected media form, reflecting on and documenting your progress. You will undertake pre-production processes appropriate to your selected media form and develop written and visual documentation to support the production and post-production of a media product in

In Unit 4 you will focus on the production and post-production stages of the media production process, bringing the media production design created in Unit 3 to its realization. You will refine your media production in response to feedback and through personal reflection, documenting the changes of your production as you work towards completion.

You will explore the relationship between the media and audiences, focusing on the opportunities and challenges afforded by current developments in the media industry. You will consider the nature of communication between the media and audiences, explore the capacity of the media to be used by governments, institutions and audiences, and analyze the role of the Australian government in regulating the media.

VCE MUSIC PERFORMANCE UNITS 3-4 (YEAR 12)

Unit 3 focuses on developing performance and musicianship skills. You will develop a repertoire of solo and group works representing a range of styles for performance. You will practise technical exercises to meet the stylistic and expressive challenges required by these works. You will develop your skills in sight-reading music, aural perception and theory. Analysis concepts are applied to selected Australian works.

In Unit 4 you will refine their performance skills in preparation for a recital of solo and group works. You refine your instrumental techniques to meet the stylistic and expressive challenges required by these works. You continue to study aural and theory concepts to further develop your musicianship. Analysis continues of selected Australian works.

You will need to be having regular individual lessons on your chosen instrument and have done up to Grade 3 music theory.



Year 12 Languages

VCE FRENCH UNITS 3-4 (YEAR 12)

In Units 3 and 4 you will continue to improve your reading, writing, listening and speaking skills in French, as well as improving your knowledge of French grammar, allowing you to express yourself with growing sophistication.

You will discuss everyday technology such as computers and mobile phones. We also look at some of the countries of the French-speaking world and the regions of France, discovering their differences and similarities. We will also explore some famous children's literature in French and study the issue of African migration to France and the issues that young French people of migrant background face. Learning outcomes will focus on assessing the key skills of reading, writing, listening and speaking.

At Year 12 level you are able to enroll in VCE Extension classes with the Alliance Française de Geelong to develop your skills further. Hosting or staying with a student from our sister school on Reunion Island provides you with opportunities to help someone your age to improve their English and gives you a chance to speak French.

VCE INDONESIAN UNITS 3-4 (YEAR 12)

In Year 12 we focus on the themes of the urban environment of the large Indonesian cities, and related social issues such as the drift of people from villages to the city, unemployment, poverty, lack of equality and opportunity for education. You will also investigate famous women from Indonesia's history and learn how to negotiate leisure activities in Indonesian. We will also investigate environmental issues, such as threatened wildlife species, pollution, land use and degradation and recycling.

Learning outcomes will focus on assessing the key skills of reading, writing, listening and speaking.



The Victorian Certificate of Applied Learning

The Victorian Certificate of Applied Learning (VCAL) is a VCAA recognized qualification and an applied learning option for Year 11 and 12 students.

VCAL is designed for students who are seeking a pathway from school to employment, traineeships, apprenticeships or TAFE. VCAL does not provide students with an Australian Tertiary Admission Rank (ATAR), however it is now recognized as an entry-level qualification into a number of university courses.

VCAL uses part of a VCE Mathematics and VET & SBAT programs as well as specific VCAL units, Personal Development Skills (PDS), Work Related Skills (WRS), Literacy and Numeracy to make up the requirements of the program.

You can enroll in this program in Year 11, however any VCE or VET programs completed in Year 10 contribute to a VCAL program.

Features of VCAL:

- Two levels of study: Intermediate and Senior (the length of each period of study is flexible but generally each certificate is achieved over a 12 month period).

What does a VCAL program include?

Four strands of study:

1. Literacy and Numeracy
2. Work Related Skills
3. Personal Development Skills
4. Industry Specific Skills



The Victorian Certificate of Applied Learning

VCAL CURRICULUM MAP

INTERMEDIATE VCAL

LITERACY

VCAL
MATHS

WORK RELATED
SKILLS

PERSONAL
DEVELOPMENT SKILLS

SBA

OR

VET

AND

STRUCTURED WORK PLACEMENT

SENIOR VCAL

LITERACY

NUMERACY

WORK RELATED
SKILLS

PERSONAL
DEVELOPMENT SKILLS

SBA

OR

VET

AND

STRUCTURED WORK PLACEMENT



Each unit is 5 periods per week
Lit, Maths/Numeracy, PDS, WRS



SBA/VET
Runs Wednesday afternoons
from Lunch onwards at
external venues



Structured Work Placement
Occurs all day Friday



VCAL

LITERACY

VCAL Literacy will be offered to students at Intermediate and Senior VCAL levels.

Literacy includes reading, writing and oral communication skills. The Literacy Skills Reading and Writing Unit satisfy the VCAL award requirements for the Literacy strand.

The Literacy Skills Units focus on:

- Developing your knowledge, skills and understanding relevant to reading, writing and oral communication in the social contexts of family, employment, further learning and community.
- Literacy for self-expression: focuses on aspects of personal and family life, and the cultures which shape these
- Literacy for practical purposes: focuses on forms of communication mainly used in workplace and institutional settings
- Literacy for knowledge: focuses on sociological, scientific, technological, historical and mechanical theories and concepts which are relevant to education and training
- Literacy for public debate: focuses on matters of public concern, and the forms of argument, reason and criticism used in the public arena.

WORK RELATED SKILLS STRAND

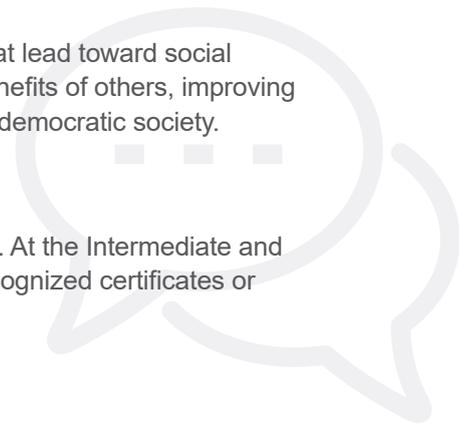
A School Based Apprenticeship (SBA) or a VET course is part of the WRS units. Students are also required to work one day each week in a chosen industry area. This is an excellent way to develop your skills and to discover what the industry is all about.

PERSONAL DEVELOPMENT SKILLS STRAND

The aim of study in these units is to develop your skills, knowledge and attitudes that lead toward social responsibility, building community links through volunteering and working for the benefits of others, improving your self-confidence and your self-esteem, and valuing your civic participation in a democratic society.

INDUSTRY SPECIFIC SKILLS STRAND:

Completion of a VET program or SBAT can meet the Industry Specific Skills Strand. At the Intermediate and Senior level, curriculum selected from this strand must be drawn from nationally recognized certificates or training package qualifications.





VCAL

HOW DO I SUCCESSFULLY COMPLETE A VCAL PROGRAM?

To achieve a VCAL certificate, you must complete a minimum of ten credits from the following:

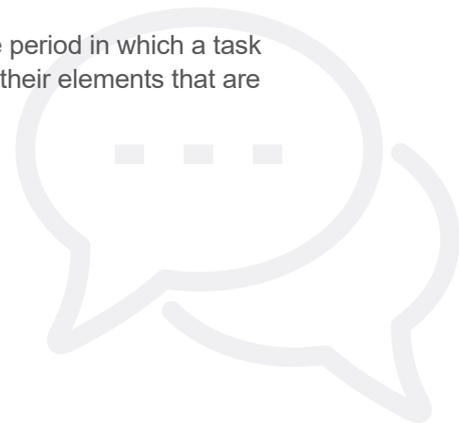
- VCAL units from PDS and WRS
- Completion of a VET program or SBAT and Structured Work Place for a substantial period of time
- VCAL Literacy at the Intermediate and/or Senior level
- VCAL Numeracy at the Intermediate and/or Senior level
- VCE Foundation Maths or General Maths.

HOW IS VCAL ASSESSED?

All VCAL students must successfully achieve each learning outcome in each unit or module of their VCAL program. VCE, VET and accredited courses/certificates are assessed in accordance with existing requirements and may contribute to an individual VCAL program. VCAL is a competency-based program where satisfactory completion is reliant upon each student demonstrating competency rather than sitting an exam or completing tests. Students do not need to achieve a specific grade to successfully complete any units or modules that count towards a VCAL certificate. Projects, tasks and activities are flexible and are designed to meet the specific needs of individual student programs and outcomes of the certificate at the student's level of study.

Evidence

Evidence is gathered as students plan and complete projects and activities over the period in which a task is undertaken. The evidence must demonstrate the specific learning outcomes and their elements that are outlined and published in the VCAA course guidelines for each VCAL unit of study.





VCAL



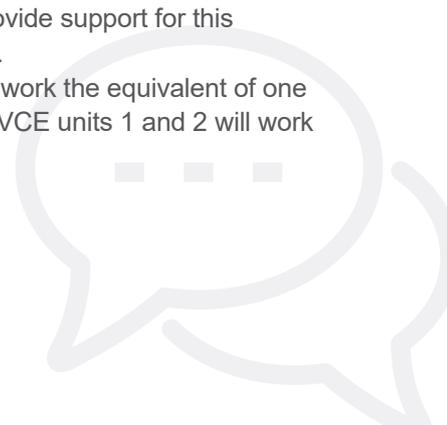
VET (VOCATIONAL EDUCATION AND TRAINING) & SBAT (SCHOOL BASED APPRENTICESHIPS AND TRAINEESHIPS)

What is a VET course or School based Traineeship?

This is a way of completing a Certificate course in an area of interest which will credit towards VCE or VCAL. There are costs to your parents/carers for you to study these subjects which must be paid in advance. VET and School based training occurs on Wednesday afternoons at a training destination usually in the City of Geelong but it can be at another school. A VET bus system is in place to help you access your training venue at a cost to your parents/carers.

- VCAL: A VET or School based traineeship MUST be completed to be awarded a VCAL certificate.
- VET in VCE: If you're studying VCE and you want to study a VET Certificate and it fits into your chosen pathway, it can replace one VCE subject. Most VET subjects are studied in Years 11 and 12.
- If you're studying VCE and you want to study a SBAT certificate, there will be discussion with the Pathways Leader about:
 - how it fits into your chosen pathway
 - if you have selected the best mix of subjects based on subjects offered and pathway requirements
 - if you are organized. The SBA day of work will be Tuesdays and you will miss a single class of every subject on Tuesdays which you will need to catch up on. The school will provide support for this through the Pathways Leader but it is your responsibility to keep up to date.

It is a requirement that any student studying a School based Traineeship must also work the equivalent of one day within the school week. A VCAL student will work all day Friday, any student in VCE units 1 and 2 will work Tuesdays and any VCE unit 3 and 4 student will work two half days.





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