



Middle School Course Selection Guide



2022



Table of Contents

Key Contacts.....	3
Introduction	4
What will be your future pathway?	4
Subject Pathways	5
Year 9 Subjects and Electives	6
Year 9 Core Subjects	7
Year 9 Elective Descriptions –	
Visual and Performing Arts.....	8
Performing Arts.....	12
Design & Technology	13
Information Technology	15
Languages – Japanese	16
Health & PE- Outdoor Education	17
Humanities	18
English	20
Year 10 Course Overview	21
Year 10 Subject Descriptions –	
English	24
Mathematics	26
The Arts	28
Health & Physical Education	36
Science	41
Humanities	45
Technology	50
Vocational	56



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Introduction

This Guide contains information about Year 9 and Year 10 course selection. The Year 9 and 10 curriculum at Emerald Secondary College is a combination of core and elective subjects.

Year 9 core and elective subjects prepare students for the wide variety of subjects and pathways offered in Senior School. Students must meet academic performance benchmarks in Year 9 to ensure that they can choose the subjects and pathways they desire in Year 10.

This Guide should be used by students to help plan their pathway through Middle School to Senior School by selecting combinations of subjects which compliments their strengths, interests and pathway aspirations and goals.

Preparing for Year 10

The Semester 1 Report in Year 9 is used in course selection for Year 10 and can determine which subjects students are permitted to study or accelerate.

Students considering acceleration in Year 10 must demonstrate they have the capacity to be successful in their accelerated subject. Students must demonstrate an above standard performance in English, above standard performance in their chosen acceleration subject area, and be at standard in all remaining subjects. This also applies to students wishing to undertake a VET subject (Vocational Education and Training). See the Senior School Student handbook for further details.

What will be your future pathway?

Before choosing subjects, it's important to consider what pathway students would like to pursue. When deciding which subjects to take, students should consider:

- ***What are my skills and abilities?***
- ***What are my likes and dislikes?***
- ***What are my best school subjects?***
- ***Do the subjects I wish to do form part of a viable program?***

Students undertake pathways education throughout their schooling, and the Career Action Plan is an important part of this. The Career Action Plan can be accessed through the Insights tab on Compass.

Prerequisites for Further Study

Students who intend taking further study will need to be aware of the prerequisites set by tertiary institutions. Details of all tertiary courses and the majority of full time TAFE courses are provided on the VTAC website. Many University courses give credit for particular subjects successfully completed at VCE level. Some courses require specific subjects at UNIT 1 and 2 level so it is important to find out about likely career prospects prior to selecting Year 11 subjects. Details are available from the Pathways Leader.

Additional Subject Fees and Requirements

Some subjects have fees associated with them that cover consumables, materials, excursions etc. These additional costs are covered in the subject description in this booklet. Please note that, at the time of publication, these fees were correct. However, they may be subject to change dependent on the provider/supplier. Students who do not pay their elective fees will not be permitted to participate in the practical component of electives, or may be moved to a non-fee elective as outlined in the College Parent Payments Policy ratified by School Council. Please contact the College for more information.



Subject Pathways

Year 9	Year 10	Year 11	Year 12
English	English	English Unit 1 & 2	English Unit 3 & 4
	Enrichment English	English Unit 1 & 2 Literature Unit 1 & 2	English Unit 3 & 4 Literature Unit 3 & 4*
Maths		Foundation Maths Unit 1 & 2	
	Mathematics	General Maths Unit 1 & 2	Further Maths Unit 3 & 4
	Maths Enrichment	General Maths Unit 1 & 2 Maths Methods Unit 1 & 2	Further Maths Unit 3 & 4 Maths Methods Unit 3 & 4
Science	Chemistry	Chemistry Unit 1 & 2	Chemistry Unit 3 & 4
	Biology	Biology Unit 1 & 2	Biology Unit 3 & 4
	Psychology	Psychology Unit 1 & 2	Psychology Unit 3 & 4
	Physics	Physic Unit 1 & 2	Physics Unit 3 & 4
Humanities	Economics & Business	Business Management Unit 1 & 2	Business Management Unit 3 & 4
		Accounting Unit 1 & 2	Accounting Unit 3 & 4*
	Geography	Geography Unit 1 & 2	Geography Unit 3 & 4
	Modern History Disasters of the Ancient Past	Ancient History Unit 1 & 2 Modern History 1 & 2	Ancient History Unit 3 & 4 History: Revolutions Unit 3&4
	Legal Studies	Legal Studies Unit 1 & 2	Legal Studies Unit 3 & 4
Health & Physical Education	Health & Human Development	Health & Human Dev Unit 1 & 2	Health & Human Dev Unit 3&4
	Physical Education Fitness & Coaching	Physical Education Unit 1 & 2	Physical Education Unit 3 & 4
		VET Cert III Sport & Recreation – this is completed as a two year program	
Advance Program	Outdoor Education	Outdoor and Environmental Studies Unit 1 & 2	Outdoor and Environmental Studies Unit 3 & 4
	Advance Program		
Japanese	Japanese*	Japanese Unit 1 & 2*	Japanese Unit 3 & 4*
STEAM Design Art Ceramics Photography	2D Art	Studio Art Unit 1 & 2	Studio Art Unit 3 & 4
	Ceramics		
	Photography		
Visual Communication	Visual Communication	Vis Communication Unit 1 & 2	Vis Communication Unit 3 & 4
Media Film Studies	Media Animation and Anime	Media Studies Unit 1 & 2	Media Studies Unit 3 & 4
Music	Music	Music Performance Unit 1 & 2	Music Performance Unit 3 & 4
Drama	Drama	Theatre Studies Unit 1 & 2*	Theatre Studies Unit 3 & 4*
International Cookery Patisserie	Food Technology Advanced Patisserie	Food Technology Unit 1 & 2	Food Technology Unit 3 & 4
Textiles	Product Design & Technology: Textiles	Product Design & Technology: Textiles Unit 1 & 2*	Product Design & Technology: Textiles Unit 3 & 4*
Wood Technology	Product Design & Technology: Wood	Product Design & Technology: Wood Unit 1 & 2	Product Design & Technology: Wood Unit 3 & 4
Game Design & Dev Robotics & Coding	Coding & Computing	Applied Computing Unit 1 & 2	Software Dev Unit 3 & 4
	STEM Engineering	Systems Engineering Unit 1 & 2	Systems Engineering Unit 3&4

***Not offered in 2022**



Year 9 Subjects & Electives

Core Subjects – Full Year

English
Maths
Science
Humanities
Health & Physical Education

Elective Subjects - Semester

Learning Area	Subject	Fee
Performing Arts	Music	-
	Drama	-
Visual Arts	Art	\$20
	Ceramics	\$30
	Film Studies	-
	Media	-
	Photography	-
	Visual Communication and Design	\$30
	STEAM – 3D Printing & Design	\$30
Design & Technology	Patisserie	\$120*
	International Cookery	\$120*
	Textiles	\$30
	Woodwork	\$60
Information Technology	Game Design & Development	-
	Robotics & Coding	-
Languages	Japanese	\$10
Health & Physical Education	Advance	\$250*
Humanities	The Mysterious Ancient Past	-
	Environmental Challenges – No Planet B	-
English	Journalism	-

*All subject fees must be paid before the first day of Kickstart in 2021 (23/11/2020) or a new subject will need to be chosen.

Elective choices

- Students complete 2 units of electives each semester (1 unit = 1 subject).
- Students must select one elective from both Visual & Performing Arts and Technology areas.
- Japanese is an elective and is studied for one Semester.
- Students **must** place their subjects in priority order during the online course selection process.



Year 9 Core Subjects

English

The English course at Emerald Secondary College is structured around three interrelated dimensions; Reading, Writing and Speaking and Listening. Students use these strands to explore a range of texts including novels, narratives, films, plays and various other texts. Students develop their ability to compose, plan and edit texts in a variety of genres. Learning in the English classroom is diverse and students explore concepts using a range of thinking strategies and learning styles.

Students must be at least at standard in English if they wish to accelerate a VET or VCE subject in Year 10.

Mathematics

Mathematics equips students with the important concepts, skills and understandings that they need to develop to become successful in mathematics. The topics within each of the units of work are designed to consolidate and extend the student's mathematical skills and knowledge. The units cover number, space, measurement, chance, data, structure and working mathematically. A student's maths performance influences the maths subjects available at Year 10.

Science

Chemistry: Students develop their knowledge of the atom deeper by learning about sub-atomic particles (protons, neutrons and electrons), as well as looking at how atoms in a molecule can be rearranged in a chemical reaction to create new substances. Acid-base and combustion reactions are also examined.

Physics: Students explore how energy transfer through different mediums can be explained using wave and particle models, by focusing on both heat energy and light energy. This involves an eye dissection!

Earth Science: Students examine the theory of plate tectonics, and how this explains global patterns of geological activity and continental movement.

Biology: Students study ecosystems, and gain an appreciation that they consist of communities of interdependent organisms and abiotic (non-living) components. How matter and energy flow through these systems is also discussed. Students also study control and regulation of the human body, mainly the nervous system, endocrine system, and homeostasis, introducing concepts that are key components of VCE Biology.

Students must be above standard if they wish to accelerate a Science VCE subject in Year 10, and at least at standard in all other subjects.

Humanities

Humanities covers a wide variety of focus areas which include Geography, History, Business & Economics, Civics & Citizenship and the Community. This year long unit covers a range of topics which build on the knowledge, skills and understanding from Year 8, and prepares students for their elective choices in Year 10.

Students must be above standard if they wish to accelerate a Humanities VCE subject in Year 10, and at least at standard in all other subjects.

Health and Physical Education

Health and Physical Education is divided into its two distinct focus areas. The Health curriculum focuses on supporting students to develop the knowledge, understanding and skills they require to make healthy, safe and active choices that will enhance their own and others' health and well-being. Each term sees students focus on a specific Health related theme that guides their studies. These themes cover topics such as: illicit drugs, health benefits of physical activity and respectful relationships (including sexual health and consent).

Physical Education also sees students focus on a specific theme for each of their terms of study, each of which is specially designed to build upon the skills they developed in previous years. These themes are Individual Pursuits, Net & Wall Games, Invasion Games and Striking and Fielding activities. Each of these themes uses a variety of minor games, sports and activities designed for students to develop, practice, apply and transfer physical skills.

Students must be 'Above Standard' if they wish to accelerate a Health, Physical Education or VET subject in Year 10, and at least at standard in all other subjects



Year 9 Elective Descriptions - Visual & Performing Arts

Subject: Art

Elective Unit: One Semester Only

Description:

Students explore, experiment and practise artistic techniques, for example, drawing, painting and print making. They produce a visual diary of artworks demonstrating a variety of skills, techniques and processes. Students study artists from different backgrounds through practical work, written assignments and by exploring past and present artworks. They learn to identify, analyse and use appropriate technology to respond to these artworks.

Yr 10 Pathway: Art, Ceramics, Photography

VCE Pathway: Studio Arts

Learning Focus:

Students will

- Record their understanding and development using a visual diary
- Complete artworks using the design process

Common Assessment Tasks:

CAT 1 - Pop Art Portraits

CAT 2 - Post Impressionism

CAT 3 – Printmaking Exploration

Elective Fee: \$20

**** Students will only be accepted into this course once the materials fee is paid in full**

Subject: Ceramics

Elective Unit: One Semester Only

Description:

Students work through the design processes associated with hand building techniques. Students produce a sketchbook and folio of clay art work demonstrating a range of skills, techniques and processes. Students study ceramic artworks made in different cultural and historical contexts through practical work, written assignments and reports. Students learn to identify, analyse and use appropriate terminology to respond to these ceramic artworks.

Year 10 Pathway: Ceramics, Art,

VCE Pathway: Studio Arts

Learning Focus:

Students will

- Record their understanding and development using a visual diary
- Complete artworks using the design process

Common Assessment Tasks:

CAT 1 – Idiom Sculpture

CAT 2 – Australian Inspired artwork

Elective Fee: \$30

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Film Studies

Elective Unit: One Semester Only

Description:

Students view films and explore how codes and conventions like camera, lighting, sound, and acting combine to engage an audience and convey meaning. Students also look at the idea that society can influence the way films are shaped and in turn, how films can shape society. Students will watch work from a variety of influential film makers. Students then create their own short film/documentary focusing on a particular practitioner or genre of film.

Year 10 Pathway: Media Studies, Art, Visual Communication & Design

VCE Pathway: Media Studies, Studio Arts, Visual Communication & Design

Learning Focus:

Students will

- View a range of styles of film
- Explore the codes and conventions associated with film language
- Undertake analysis of a number of films
- Investigate production elements used in film making.
- Complete a documentary of their choice about a chosen practitioner or style

Common Assessment Tasks:

CAT 1 – Film Study

CAT 2 – Creation of short film/documentary about a chosen practitioner or style

Elective Fee: Free

Subject: Media

Elective Unit: One Semester Only

Description:

This is a unit where students are introduced to the basic concepts of Media. Students study codes and conventions of genre and demonstrate their learning through the planning and construction of short media products, such as film, digital photography sequences, documentaries or print media. Students also learn the basic principles of advertising and work in groups to develop a campaign.

Year 10 Pathway: Media Studies

VCE Pathway: Media Studies, Studio Arts

Learning Focus:

Students will

- Develop, plan and create their own media products
- Analyse the construction of media products
- Investigate programs and processes to skill build in editing.

Common Assessment Tasks:

CAT 1 – Film analysis Powerpoint/Video 25%

CAT 2 – Production Genre CAT [students make their planned product] – group work 25%

CAT 3 – Advertising campaign – group work 30%

Exam 20%

Elective Fee: Free



Subject: Photography

Elective Unit: One Semester Only

Description:

Students learn to use a digital camera to produce images for digital editing and manipulation. They learn to use basic software programs and generate images. Students learn to identify, analyse and use appropriate terminology to respond to photographic artworks through practical and written assignments. Students are required to maintain a display book with all the information and finished work completed throughout the semester.

Year 10 Pathway: Photography, Art

VCE Pathway: Studio Arts

Learning Focus:

Students will

- Learn the mechanics and principles of single lens reflex cameras
- Explore using adobe Photoshop to manipulate and alter digital images.
- Analyse how photographers and compositions influence and convey a message
- Conduct research into well-known photographers and other artists, and emulate their style

Common Assessment Tasks:

CAT 1 – Multiplicity Portraiture

CAT 2 – Artwork Appropriation

CAT 3 – The Beauty of the Everyday

Elective Fee: Free

Subject: Visual Communication & Design

Elective Unit: One Semester Only

Description:

Students further develop the skills and techniques acquired in prior years. Students will produce a developmental folio to demonstrate their understanding of elements and principles of design by planning and designing Visual Communication finished works. Students study visual communication artworks from various cultures and historical contexts through practical work, written assignments and reports.

Year 10 Pathway: Visual Communication & Design

VCE Pathway: Visual Communication & Design, Studio Arts

Learning Focus:

Students will

- Learn about the Australian Standards of Technical Drawing
- Design logos and develop content for marketing
- Develop a visual diary folio of design, sketches and ideas
- Create designs according to a Design Brief

Common Assessment Tasks:

CAT 1 – SK8

CAT 2 – Schoolyard Architects

Elective Fee: \$30

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: STEAM Design

Elective Unit: One Semester Only

Description:

STEAM (Science, Technology, Engineering, Arts, Maths) is a multi-disciplinary approach to problem solving which prepares students for a technology-based workforce future. This subject compliments STEM – Engineering in Year 10. Students develop and design products for 3D printing using art and design theory, and develop their skills as they learn and use specific 3D design and printing software.

Year 10 Pathway: Ceramics, STEM – Engineering

VCE Pathway: Studio Arts

Learning Focus:

Students will

- Learn how to use a 3D Printer
- Use design software to design products for printing
- Work in teams to design and print products

Common Assessment Tasks:

CAT 1 – 3D Design Folio

CAT 2 – 3D printing Design Brief

Elective Fee: \$30

**** Students will only be accepted into this course once the materials fee is paid in full**



Year 9 Elective Descriptions - Performing Arts

Subject: Music

Elective Unit: One Semester Only

Description:

In this unit students focus on improving their skills on a chosen instrument or voice in order to choose classic and modern popular songs in which to perform. Students study the ways in which musicians can change the musicality of the song by manipulating the various elements and composing devices within the music. Students create songs using their knowledge of style and structure whilst incorporating creative techniques.

Year 10 Pathway: Music

VCE Pathway: Music Performance

Learning Focus:

Students will

- Rehearse and perform popular music in group and solo contexts
- Develop their technical skills on a chosen instrument
- Explore music theory that informs the practical
- Develop their musical ear by improving listening skills
- Learn strategies in composing creative musical pieces with a focus on structure and creative techniques
- Research how musicians manipulate sound in modern music.

Common Assessment Tasks:

CAT 1 – Musicians Skills Toolbox

CAT 2 – Music Recital Concert

CAT 3 – Song writing and performance

Students are highly encouraged to enrol in the instrumental program to support learning in this class.

Elective Fee: Free

Instrumental Lessons: \$400 per year

Subject: Drama

Elective Unit: One Semester Only

Description:

Students engage with diverse performance styles and ways of presenting drama. They explore theatre and drama from a range of cultures, times and locations as sources of ideas for their practice. They evaluate actors' success in expressing the directors' intentions and the use of expressive skills in drama, they view and perform and identify characteristics of performance and theatrical styles.

Year 10 Pathway: Drama

VCE Pathway: Theatre Studies

Learning Focus:

Students will

- Structure drama to engage an audience through manipulation of dramatic action, forms and performance styles and by using design elements
- Perform devised and scripted drama making deliberate artistic choices and shaping design elements to unify dramatic meaning for an audience
- Evaluate how the elements of drama, forms and performance styles in devised and scripted drama to convey meaning and aesthetic effect

Common Assessment Tasks:

CAT 1 – Stagecraft Design

CAT 2 – Major Production

Elective Fee: Free



Year 9 Elective Descriptions – Design & Technology

Subject: Patisserie

Elective Unit: One Semester Only

Description:

This unit will provide an in depth look at 'all things bakery!' Students learn how to create and decorate a wide selection of sweet and savoury items including pies, flans, cakes, biscuits, pasties and yeast goods. Students will have a chance to see how ingredients work together to create quality patisserie products, utilising and developing skills in food decoration and presentation.

Year 10 Pathway: Advanced Patisserie, Food Technology

VCE Pathway: Food Studies

VET Pathway: VET Hospitality

Learning Focus:

Students will

- Develop their practical skills in the kitchen
- Learn about the art and science of pastry making and baking
- Follow the design process to create a range of bakery products

Common Assessment Tasks:

CAT 1 – Design Brief 1

CAT 2 – Design Brief 2

Elective Fee: \$120

**** Students will only be accepted into this course once the materials fee is paid in full**

Subject: International Cookery

Elective Unit: One Semester Only

Description:

A study of food related aspects of various countries from selected regions of the world. Studies will include geographical location, climate, crops and their effects on types and styles of foods available. Traditional dishes, exotic foods and ingredients of the regions will be investigated along with methods of preparation and cooking; uses of different utensils and cooking equipment. The local and indigenous food, customs, ceremonies and rites associated with the various regions, and the use of a range of practical skills will enable students to produce a variety of meals and baked goods.

Year 10 Pathway: Food Technology, Advanced Patisserie

VCE Pathway: Food Studies

VET pathway: VET Hospitality

Learning Focus:

Students will

- Learn about food and ingredients from around the world
- Develop their practical skills in the kitchen
- Follow the design process to create meals and dishes with an international basis

Common Assessment Tasks:

CAT 1 – Design Brief 1

CAT 2 – Design Brief 2

Elective Fee: \$120

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Textiles Sustainability

Elective Unit: One Semester Only

Description:

Students will learn to carry out a range of advanced skills to complete a variety of individually chosen textiles products. Students will follow the design process by investigating designing, producing and evaluating for at least one product. The unit has a particular emphasis on Sustainability in Textiles used. Due to the individual nature of this subject, students may choose to purchase fabrics other than what can be provided. Students will incorporate the use of construction techniques using the sewing machine and overlocker. Students may also select complex articles within a chosen craft, i.e. a patchwork quilt. Prior practical knowledge is not essential.

Year 10 Pathway: Textiles

VCE Pathway: Product Design - Textiles

Learning Focus:

Students will

- Create design briefs with a client in mind.
- Annotate at least 3 designs per practical project.
- Evaluate finished products.
- Increase sewing machine and hand sewing knowledge and skills.
- Investigate different methods of dyeing fabrics and research fabric properties.
- Consider the environmental impact of textile use and consider recycling/repurposing.

Common Assessment Tasks:

CAT 1 – Practical Project (Pencil Case) and design brief.

CAT 2 – Practical Project (own choice) and design brief.

Elective Fee: \$30 (Students may purchase additional specialty fabric if required)

**** Students will only be accepted into this course once the materials fee is paid in full**

Subject: Wood Technology

Elective Unit: One Semester Only

Description:

This unit focuses on basic design and manufacturing skills using wood. Models produced by the students will reflect the use of electronic / manual design techniques and basic manufacturing skills and techniques. Students will be expected to observe safe working practices and learn to function effectively in the workshop. Students will be required to undertake a number of research activities. Specific attention will be given to the following: properties of wood; marking, cutting and joining; designing techniques; case study on wood; care and maintenance of tools; finishing techniques; basic principles of machines.

Year 10 Pathway: Wood Technology

VCE Pathway: VCE Product design: Wood

VET Pathway: VET Building & Construction

Learning Focus:

Students will

- Learn a variety of construction techniques
- Develop hands on skills on a range of tools and equipment

Common Assessment Tasks:

CAT 1 – Production 1 – design and build

CAT 2 – Production 2 - design and build

Elective Fee: \$60

**** Students will only be accepted into this course once the materials fee is paid in full**



Year 9 Elective Descriptions – Information Technology

Subject: Game Design & Development

Elective Unit: One Semester Only

Description:

Students will improve their computational thinking and problem solving skills by learning to design and create a variety of games, including platformer, adventure and puzzle-based games. Students will develop their understanding of key coding concepts by creating and using a range of data types, variables and control structures.

Year 10 Pathway: Coding & Computing, Robotics Engineering, STEM Engineering

VCE Pathway: Information Technology, Systems Engineering

Learning Focus:

Students will

- Learn basic coding concepts through the creation of games
- Improve their ability to think computationally and solve problems

Common Assessment Tasks:

CAT 1 – Games Portfolio (GameMaker)

CAT 2 – Original Game Design & Development

Elective Fee: Free

Subject: Robotics & Coding

Elective Unit: One Semester Only

Description:

Students will improve their computational thinking and problem solving skills by learning to build and program robots to complete a series of challenging tasks. Students will also develop their understanding of core coding concepts by learning to program with Lego Mindstorms as well as Python.

Year 10 Pathway: Coding & Computing, Robotics Engineering, STEM Engineering

VCE Pathway: Information Technology, Systems Engineering

Learning Focus:

Students will

- Learn basic coding concepts through programming Lego EV3 Robots and Python
- Work in teams to solve problems and challenges

Common Assessment Tasks:

CAT 1 – Lego EV3 Mindstorms Programming Portfolio

CAT 2 – Microcontroller Programming Challenges (Test)

Elective Fee: Free



Year 9 Elective Descriptions – Languages - Japanese

Elective Unit: One Semester Only

Description:

The katakana script is introduced in this unit and students will be able to read and write passages using all three Japanese scripts - hiragana, katakana and kanji. Topics studied include transport, descriptions of people, appearance, and school rules. Students will extend their knowledge of grammar and complete a variety of tasks involving reading, writing and listening skills in Japanese. Students will also increase their knowledge of kanji and further develop their speaking skills in rehearsed and unrehearsed situations.

Year 10 Pathway: Japanese

VCE Pathway: Japanese Second Language

Learning Focus:

Students will

- Develop their understanding of all scripts including newly introduced katakana.
- Build ability in listening, speaking, reading, and writing in Japanese.
- Improve knowledge of particles and word order in Japanese sentences.
- Be able to express their ideas/opinions/feelings in a more sophisticated manner using different grammatical structures.

Common Assessment Tasks:

CAT 1 – Look at moi (katakana, transport, body parts, adjectives)

CAT2 – May I? (verb te-form, expressions on rules)

Elective Fee: Free



Year 9 Elective Descriptions – HPE - Outdoor Education

Subject: Advance Program

Elective Unit: One Semester Only

Description:

The Advance Program is a Semester long elective in Year 9 and is run in conjunction with Awards Victoria and those involved will have the opportunity to complete their Duke of Edinburgh Award. The program incorporates components of leadership, teamwork, initiative, personal and group responsibility as well as training in first aid, resuscitation. Students participate in Outdoor Recreation / Education activities and a camp experience which students are expected to attend to fulfil the 'adventurous journey' component of their Duke of Edinburgh Award.

VCE Pathway: Outdoor Education Studies

Learning Focus:

Students will

- Participate in a range of adventure activities canoeing, caving, initiative challenges and orienteering
- Participate in the Duke of Edinburgh Award
- Undertake an overnight camp (compulsory)

Common Assessment Tasks:

CAT 1 – Camp - Plan, Participate and reflection

CAT 2 – Duke of Edinburgh Award Progress and Practical Involvement

CAT 3 – Participation in and safety knowledge of outdoor activities

Elective Fee: \$250 (includes cost of Duke of Edinburgh Award)

**** Students will only be accepted into this course once the materials fee is paid in full**



Year 9 Subject Descriptions - Humanities

Subject: The Mysterious Ancient Past

Elective Unit: One Semester Only

Description:

Students will have the opportunity to look into many mysteries in the Ancient Past. The first set of mysteries will be located in New Kingdom Egypt where students will have the opportunity to research topics such as the tomb of Tutankhamun and other significant, yet explained archaeological discoveries. The second focus will be on Ancient Mysteries that still puzzle historians and archaeologists to this day, such as bog bodies, the Seven Wonders of the Ancient world and Stonehenge. Students will conduct their own research and pose possible theories to solve the Ancient Mysteries.

Year 10 pathway: Disasters of the Ancient Past, Modern History

VCE Pathway: Ancient History, 20th Century History, History Revolutions

Learning Focus:

Students will

- Begin by studying New Kingdom Egypt with topics such as:
 - Tutankhamun's tomb
 - Rameses II, Cleopatra, Hatshepsut and other pharaohs
 - Social structure and daily life
 - Religion, death and burial
 - Artefacts and their significance
 - Social justice in the preservation of artefacts
- Move onto Ancient Mysteries with topics such as:
 - Bog bodies
 - Trojan war
 - Celts
 - Easter island
 - Stonehenge
 - Lost cities of the Ancient world
 - Seven ancient wonders of the world

Common Assessment Tasks:

CAT 1 - A source analysis and extended response on a topic of New Kingdom Egypt

CAT 2 – A historical inquiry on a topic of Ancient Mysteries

Elective Fee: Free



Subject: Environmental Challenges – No Planet B

Elective Unit: One Semester Only

Description:

In this unit, students will consider man-made environmental challenges that have occurred. Students will research and invent possible solutions to climate change as well as a historical aspect in researching previous attempts. Through climate change education, our students will evaluate a variety of evidence to draw conclusions. For example, the world's rubbish will be explored. Using a variety of evidence, students will complete a geographical inquiry on how they can change their approach to the global wastage problem on an individual, local and global level.

Year 10 pathway: Geography

VCE Pathway: Geography, Physics

Learning Focus:

Climate Change:

- What is climate change and why is it an important and time sensitive issue
- Why are there different opinions on climate change
- What is global warming and what are the main causes
- What actions can we make to slow climate change down

Plastic Waste, Recycling and Sustainability:

- Why is plastic a problem for the world
- How does plastic affect the world's oceans and rivers
- What are some of the innovative inventions to help with cleaning up the plastic waste
- What are alternatives to plastic use being invented

Common Assessment Tasks:

CAT 1 – Geographical inquiry

CAT 2 – Research task

Elective Fee: Free



Year 9 Elective Subject Descriptions - English

Subject: Journalism

Elective Unit: One Semester Only

Description:

Students explore the various aspects that encompass journalism, an exploration sparked by investigation of a diverse range of article types. Students will analyse and create feature articles, opinion pieces, letters to the editor and an interview. They will also discover the differences and similarities between various types of journalism such as news reporting and sports journalism. Finally, students will also have an introduction to radio and podcasting.

Learning Focus:

Students will

- Research/study of different styles of news reporting and writing.
- Analysis of codes and conventions of television news and radio broadcasts.
- Projects – newspaper articles, television news film production, radio production and pod casting.

Common Assessment Tasks:

CAT 1 Journalism Folio

CAT 2 Podcast

Work Requirement: Workbook throughout the semester

Yr 10 Pathway: English, Enrichment English

Elective Fee: Free



Year 10 Course Overview

Year 10 courses prepare students for their final years of schooling, and for their pathway once leaving school. There are two courses to choose from in Year 10; Mainstream Pathway or VCAL Pathway.

Mainstream Pathway

The Year 10 Mainstream Pathway leads to either the Victorian Certificate of Education (VCE) or the Victorian Certificate of Applied Learning (VCAL) in Years 11 and 12. Students who take the Mainstream Pathway can also take a Vocational Education and Training (VET) course in place of one of their subjects. In order to have a direct pathway to university entrance at the end of Year 12, a student must undertake a VCE course in Years 11 and 12.

The Year 10 Mainstream Pathway consists of a combination of core and elective subjects designed to maximise student choice.

Key information on Year 10 subjects:

- Students complete six subjects each semester.
- English and Maths are compulsory core subjects and must be undertaken in both semesters.
- Students are also to undertake one Science and one Humanities subject.
- Apart from the core subjects, students select Year 10 subjects from Health and Physical Education, Arts and Technology which support their pathway goals.
- Students should take note of which Year 10 subjects are required as pre-requisites for Year 11.
- Japanese (when offered), VCE and VET subjects are year-long subjects, and replace two Free Choice options.

Accelerated VCE Subjects in Year 10

Year 10 students are able to apply to study VCE subjects to complement their Mainstream Pathway program. Completing Units 1 and 2 of a VCE subject in Year 10 can have a number of advantages including creating opportunities for achieving a higher ATAR rank at the end of Year 12. To successfully apply for acceleration a student must be performing at least 6 months ahead of the expected level in the relevant subject, and be at least at expected standard in English.

Students are not permitted to accelerate Year 11 English, Literature, Maths Methods, Chemistry or Physics.

Acceleration Application Forms are available on the Compass newsfeed early Term 3. See Mr Closter for further information.

VCAL Pathway

The VCAL Pathway course allows students to experience VCAL in a mainstream setting. The Year 10 VCAL Pathway leads to the Victorian Certificate of Applied Learning (VCAL) or the Victorian Certificate of Education (VCE) in Years 11 and 12. The Year 10 VCAL Pathway should include one Vocational Education and Training (VET) subject. The VCAL Pathway course is the same as the mainstream Pathway course with the following differences:

- VET subject studies at Emerald SC, or
- VET subject studies at TAFE course occurring on Wednesdays
- 1 unit of each of the VCAL units Personal Development Skills (PDS) and Work Related Skills (WRS) replacing 2 elective choices, where students will be supported in their VET subject, as well as learning about vocational pathways to apprenticeships and traineeships.

Students also choose from the same mix of electives as the Mainstream Pathway students



Year 10				
Core Subjects				
English (must choose 1)				
Year 10 English	Enrichment English			
Maths (must choose 1)				
Year 10 Maths Enrichment	Year 10 Maths			
Science (must choose 1 *)				
Chemistry*	Biology*		Psychology*	
Physics*				
Elective Subjects**				
Humanities (must choose 1)	Health & PE	Visual Arts	Technology	Performing Arts
Geography	Health & Human Development	Art	Product Design & Technology: Textiles	Music
Modern History	Outdoor Education	Ceramics	Food Technology	Drama
Disasters of the Ancient Past	Physical Education	Photography	Advanced Patisserie	Information Technology
	Fitness & Coaching			
Legal Studies	Advance	Visual Communication & Design	Product Design & Technology: Wood	Coding & Computing STEM - Engineering
Economics & Business		Media		Languages
				Japanese ##

**Students taking the VCAL Pathway must study Work Related Skills and Personal Development Skills, which will replace two electives.

Not offered in 2022.

Mainstream Pathway Sample Course

Semester 1	Semester 2
Year 10 Enrichment English	Year 10 Enrichment English
Year 10 Maths	Year 10 Maths
Biology	Chemistry
Physical Education	History
Health & Human Development	Food Technology
Photography	Ceramics

VCAL Pathway Sample Course

Sample Course 1 – Internal VET/no VET		Sample Course 2 – External VET	
Semester 1	Semester 2	Semester 1	Semester 2
English	English	English	English
Mathematics	Mathematics	Mathematics	Mathematics
Work Related Skills	Personal Development Skills	Work Related Skills	Personal Development Skills
VET (internal)	VET (internal)	Science	Elective (1)
Science	Elective (1)	Elective (2)	Elective (3)
Elective (2)	Elective (3)	Elective (4)	Elective (5)
		External VET	External VET



YEAR 10 ELECTIVES 2022

Summary of Electives Offered

The Performing Arts:

Drama	One Semester	\$0.00
Music Performance	One Semester	\$0.00

The Visual Arts:

Animation and Anime	One Semester	\$0.00
Ceramics	One Semester	\$35.00
Digital Photography	One Semester	\$40.00
2D Art	One Semester	\$30.00
Visual Communication & Design	One Semester	\$30.00
Media	One Semester	\$20.00

Technology:

Product Design & Technology - Textiles	One Semester	\$60.00
Food Technology	One semester	\$120.00*
Advanced Patisserie	One semester	\$120.00*
Product Design & Technology - Wood	One Semester	\$60.00
Coding & Computing	One Semester	\$0.00
STEM Engineering	One Semester	\$45.00

Health and Physical Education:

Advance	One Semester	\$250.00*
Fitness & Coaching	One Semester	\$0.00
Health & Human Development	One Semester	\$0.00
Physical Education	One Semester	\$0.00
Outdoor Education Studies	One Semester	\$120.00*

Humanities:

Disasters of the Ancient Past	One Semester	\$0.00
Economics and Business	One Semester	\$0.00
Geography	One Semester	\$0.00
Legal Studies	One Semester	\$0.00
Modern History	One Semester	\$0.00

Science:

Biology	One Semester	\$25.00
Chemistry	One Semester	\$35.00
Physics	One Semester	\$25.00
Psychology	One Semester	\$0.00

VCAL:

Personal Development	One Semester	\$0.00
Work Related Skills	One Semester	\$0.00

*All subject fees must be paid before the first day of Kickstart in 2020 (22/11/2021) or a new subject will need to be chosen.



Year 10 Subject Descriptions - English

Students in Year 10 are required to take one of the two available forms of English: General or Enrichment. Student achievement data and teacher recommendation informs which subject is most appropriate. If a student wishes to select a different subject they will need to see the Assistant Principal to discuss this decision.

English is a subject that is taken for the entire year.

Subject: English

Core Subject: Full Year

Description:

English at Year 10 is centred around preparing students to tackle the demands of the VCE curriculum. We analyse novels, develop our ability to write creatively in response to the style and ideas of other texts, and work hard to highlight, compare and discuss the big ideas in our society today. The Year 10 English curriculum focuses strongly on preparing students to be able to undertake VCE English Units 1 – 4 in Years 11 and 12 at the highest possible standard.

VCE Pathway: English

Learning Focus:

Students will

- Be assessed through a range of tasks including: essays (both reading and responding and comparative), creative writing, language analysis, and oral presentations.
- Build ability in listening, speaking, reading, viewing, and writing.
- Develop understanding of text types and language modes. The course aims to foster an appreciation of the value of reading and writing skills for lifelong learning.

Common Assessment Tasks:

Semester 1

CAT 1 - Analytical Text Response Essay

CAT 2 - Creative Response

CAT 3 - Speaking and Listening - Persuasive Speech (POV)

Semester Exam

Semester 2

CAT 1 - Comparative Analytical Text Response Essay

CAT 2 – Language Analysis Essay

CAT 3 - Speaking and Listening Task – Language and Visual Analysis

Semester Exam



Subject: Enrichment English

Core Subject: Full Year

Description:

Enrichment English at Year 10 has been designed to extend and enrich the student's knowledge using a modified VCE English and Literature curriculum. There is a special focus on examining texts closely to investigate, analyse, adopt and manipulate stylistic and conceptual features of texts and the interrelationship between these. In Enrichment English students will be exposed to a range of different texts including novels, plays, speeches, works of philosophy, films and media articles.

VCE Pathway: English

Literature Unit 1 & 2

Learning Focus:

Students will

- Write analytical essays, create imaginative writing in different genres
- Respond to philosophical ideas and demonstrate a considered, informed opinion about the world around them.
- Be given opportunities for creative self-expression through speaking and listening task in a variety of contexts.

Common Assessment Tasks:

Semester 1

CAT 1: Analytical Text Response Essay

CAT 2: Language Analysis Essay POV

CAT 3: Speaking and Listening

Semester Exam

Semester 2

CAT 1 – Comparative Analytical Text Response Essay

CAT 2 - Speaking and Listening

CAT 3 - Language Analysis Essay

Semester Exam



Year 10 Subject Descriptions - Mathematics

Students in Year 10 are required to take one of the two available forms of Maths: Enrichment or Mathematics. Student achievement data determines which subject is most appropriate. If a student wishes to select a different subject they will need to see the Assistant Principal to discuss this decision.

Prerequisites

Year 10	Year 11 Access to:	Year 12 Access to:
	Foundation Maths 1/2	Foundation Maths 3/4
Mathematics	General Maths 1/2 Maths Methods 1/2	Further Maths 3/4 MathsMethods 3/4
Maths Enrichment	General Maths 1/2 Maths Methods 1/2	Further Maths 3/4 Maths Methods 3/4

Subject: Mathematics Enrichment

Core Subject: Full Year

Description:

Maths Enrichment is designed for students to prepare for the more demanding Year 11 and Year 12 Mathematics. Students will be expected to complete the Year 10 curriculum and have worked through some of the Year 10A Curriculum of the Victorian Curriculum. These topics include further trigonometry, advanced graphing techniques and introduction to logarithms. Students will need to have a strong work ethic and be confident in number and algebra.

VCE Pathway: General Maths, Maths Methods

Learning Focus:

Students will study the following topics:

Semester 1	Semester 2
<ul style="list-style-type: none"> Financial maths Algebra Real numbers Linear relationships Non-linear relationships 	<ul style="list-style-type: none"> Polynomials Geometry Pythagoras theorem and trigonometry Measurement Statistics Probability

Common Assessment Tasks:

Semester 1

CAT 1: Financial maths

CAT 2: Linear relationships

Exam

Semester 2

CAT 3: Problem Solving

CAT 4: Statistics

Exam

Required Equipment:

Textbook

Calculator (TI-30XB preferred)

Optional calculator Ti Nspire CXII CAS



Subject: Mathematics

Core Subject: Full Year

Description:

Following from Year 9, students will be introduced to the topics as described in the Year 10 Victorian Curriculum. By the end of Year 10 it is hoped that the students will be equipped with the concepts, skills and understanding to study Foundation Maths or General Maths in Year 11. Please note that General Mathematics is a prerequisite for many university and TAFE courses.

VCE Pathway: General Maths

Learning Focus:

Students will study the following topics:

Semester 1

- Financial maths
- Algebra
- Linear relationships
- Geometry

Semester 2

- Pythagoras theorem and trigonometry
- Measurement
- Statistics
- Probability

Common Assessment Tasks:

Semester 1

CAT 1: Financial maths

CAT 2: Linear relationships

Exam

Semester 2

CAT 3: Problem solving

CAT 4: Statistics

Exam

Required Equipment:

Scientific Calculator (TI-30XB preferred)

Textbook

VCAA website: <https://www.vcaa.vic.edu.au/Pages/vce/studies/mathematics/foundation/foundmathindex.aspx>



Year 10 Subject Descriptions - The Arts

All students must complete one unit from either The Arts or Technology

Subject: 2D Art

Elective Unit: One Semester Only

Description:

Every year, students build on the previous year's knowledge in both practical and theoretical areas. Year 10 Art increases students' bank of experiences and skills and extends them further in terms of media and techniques. Students undertake a range of projects where they are required to generate and explore their ideas in a visual diary. This is a perfect lead in for students who wish to continue with Studio Arts in VCE.

VCE Pathway: Studio Arts

Learning Focus:

Students will:

- Explore and experiment with techniques and styles of art, using a variety of mediums.
- Maintain a Visual Diary which includes planning, experimentations, and refinement of ideas.
- Produce a folio of art works that reflect their ideas and research.
- Through written and practical work, students learn to understand and analyse how artists are inspired and work.
- Consider the presentation of their own and other artists' works.

Common Assessment Tasks:

CAT 1: Surrealist or Optical Art inspired artwork and research project.

CAT 2: Dead White Guys and Feminism in art

Exam

Additional Costs: \$30.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Ceramics

Elective Unit: One Semester Only

Description:

In Year 10 Ceramics, students are required to produce a folio of ceramic artworks with emphasis on learning the techniques in designing and making 3D artworks and the development of a personal style. This subject prepares students for VCE Studio Arts. Students maintain a visual diary. Students also complete assignments on ceramic artists' techniques and processes, which records their inspirations, ideas, techniques and processes.

VCE Pathway: Studio Arts

Learning Focus:

Students will:

- Develop the skills and knowledge to plan for, and make, 3D artworks.
- Study cultural and historical ceramic styles, through practical and written assignments and through exploring past and present artists.
- Students learn to identify, analyse and use appropriate art terminology to respond to these ceramic works.

Common Assessment Tasks:

CAT 1: Expressive bust

CAT 2: Recycled sculpture

Exam

Additional Costs: \$35.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Photography

Elective Unit: One Semester Only

Description:

This Unit prepares students for VCE Studio Arts. Students learn to use creative photographic processes predominantly using a digital camera. They are required to produce a visual diary that demonstrates their skills in completing photoshoots and their understanding of the creative editing and manipulating techniques used to generate digital images. They are required to produce a folio of photographic prints, which demonstrates their understanding of the techniques studied. Students also research photographic artists' techniques and ideas.

VCE Pathway: Studio Arts, Media

Learning Focus:

Students will:

- Practice and develop skills in taking photos using DSLR cameras.
- Learn to research, identify, analyse and use appropriate terminology to respond to different photographers styles of artwork through practical and written assignments.
- Understand and utilise photo editing software to enhance their photographs.
- Understand the processes of printing and presenting digital artworks.

Common Assessment Tasks:

CAT 1: A Picture is worth a Thousand Words

CAT 2: Word Series

Exam

Additional Costs: \$40.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Visual Communication and Design

Elective Unit: One Semester Only

Description:

This Unit prepares students for VCE Visual Communication and Design. Students are required to research and produce a folio that demonstrates their understanding of the design process. Through investigation of the history of design, students will research and refine ideas to develop a personal visual communication style. Students are required to produce a folio of visual communication artworks. Students are required to evaluate their own work, research and analyse visual communications, using appropriate terminology. Topics may include architectural rendering, poster design, business packaging and product promotion.

VCE Pathway: Visual Communication

Learning Focus:

Students will:

- learn to break down and utilize elements and principles of design.
- Explore observation, visualization and technical drawing conventions.
- Plan, produce and reflect on designs.
- Explore Adobe software and post production techniques.

Common Assessment Tasks:

CAT 1 – Record Packaging

CAT 2 – Design Process

Exam

Additional Costs: \$30.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Media Studies

Elective Unit: One Semester Only

Description:

This Unit prepares students for VCE Media. All the basic concepts of representation, social media, product construction and narrative are examined through the study of narratives in a range of Media forms. Students develop practical skills in editing and publishing software and undertake a unit in 2D animation. Experienced digital students may extend their work into 3D animation. Students also create their own media product such as a short film.

VCE Pathway: Media Studies

Learning Focus:

Students will:

- learn to break down images and scenes to the individual codes of construction
- explore hand drawn and stop motion animation
- plan, produce and reflect on a Media product.
- operate cameras, lighting audio and editing equipment.

Common Assessment Tasks:

CAT 1 – Animation CAT 25%

CAT 2 – Group Production Task 25%

Work Requirement – range of classroom activities and Tasks 25%

Exam 25%

Additional Costs: \$20.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Animation & Anime

Elective Unit: One Semester Only

Description:

This subject delves into the world of Animation. Students would learn the key principals of animation and experiment with the basics of the hand drawn format to learn about frame rate and cells per second and how to adjust these for slowing down or speeding up actions. Students then advance to stop frame animation and complete a series of practical exercises using 3D figures like Lego, skittles and toy cars. They create backgrounds in a variety of ways and experiment with greenscreen options. While the focus is not on 3D animation, we do investigate programs like Tinkercad and Blender and students may explore either hand drawn, stop frame, Claymation or 3D animation in their final project. Finally, students would learn about the cultural background of Anime animation. They would explore the roots of anime in Japanese culture and then watch and analyse an Anime film, completing a video essay or webpage.

VCE Pathway: Media Studies

Learning Focus:

Students will:

- Explore and experiment with a range of animation techniques and exercises.
- Maintain a Visual Diary which includes planning, experimentations, and refinement of ideas.
- Produce a final animation in the medium of their choice.
- Analyse an Anime animation and complete a video essay or website.

Common Assessment Tasks:

CAT 1: Portfolio of Animation Experiments 25%

CAT 2: Final Animation Project 25%

CAT 3: Anime Film Study 25%

Exam 25%

This unit can be provided at no cost.



Subject: Music Styles and Production

Elective Unit: One Semester Only

Description:

This unit focuses on different contemporary music styles from the 20th and 21st centuries. Students explore the unique properties of each style and their influence throughout history. They also choose music works and songs from each style period to perform on their chosen instrument or voice. Major styles include: Rock, Pop, Electronic, Rap/Hiphop, Dance, Reggae, Blues, Jazz, Alternative/Grunge, Metal, Progressive and Fusion styles.

Students learn about production processes such as recording, mixing and mastering. They use digital software and virtual instruments to create music on their own device.

Students learn to use rich descriptive language to analyse music elements and devices used by composers and artists to manipulate the sound within musical works. They explore ways in which performers can convey emotion in their performances.

VCE Pathway: Music Performance - Units 1 - 4

VET Pathway: Music Industry Skills

Learning Focus:

Students will be able to:

- Identify contemporary musical styles throughout history.
- Research within historical contexts.
- Perform on an instrument of choice in large and small group or solo contexts.
- Use their knowledge of musical elements to analyse music using descriptive language.
- Improve performance outcomes using common rehearsal and performance strategies.
- Compose or arrange musical works on digital platforms.

Common Assessment Tasks:

- CAT 1 – Music Performance Concerts - 40%
- CAT 2 – Music Style Presentation - 20%
- CAT 3 – Digital Music Production and Composition - 20%
- End of Semester Exam - 20%

Students are highly encouraged to enrol in the Instrumental Program to support performance outcomes.
Instrumental Lessons: \$400 per year.



Subject: Drama

Elective Unit: One Semester Only

Description:

This unit prepares students for VCE Drama and Theatre Studies. Students will participate in workshop activities to further develop performance, theatre and characterisation skills. They will work in small groups to explore a range of theatre skills and be exposed to a range of theatre styles. A major feature of the course will be an ensemble performance to an outside audience. Students will design, construct and organise all the necessary elements of stagecraft to mount the performance. They will be expected to keep a record/folio of activities undertaken which will include evaluations of completed projects. Students will view at least one live theatre performance and complete a written review on the performance viewed.

VCE Pathway: Theatre Studies

Learning Focus:

Students will:

- Design and develop stagecraft areas to collaborate and produce a play to a live audience
- Explore play making activities to extend expressive skills
- Develop an understanding of theatre styles and historical contexts of pre and post modern eras.

Common Assessment Tasks:

CAT 1: Folio - Development of Stagecraft

CAT 2: Presentation of a play



Year 10 Subject Descriptions - Health & Physical Education

All students must complete one unit of Health & Physical Education.

Subject: Health and Human Development

Elective Unit: One Semester Only

Description:

Health and Human Development explores how we define Health and its dimensions of which it is comprised, as well as identifying the social and cultural factors that influence health, both as enablers and barriers. Students investigate the food status of young Australians by looking at their nutritional requirements and consumption habits. Students examine the concept of Personal Identity and all that it entails, including self-image, self-esteem, body image, rights and responsibilities and the features of positive and healthy relationships.

VCE Pathway: Health & Human Development

Learning Focus:

Students will:

- Develop an understanding of the concept of health and its related components
- Identify the factors that influence health, both positively and negatively
- Explore nutrition, food groups and dietary habits in relation to young people
- Investigate the consequences of nutritional imbalance
- Examine the concept of Personal Identity including self-esteem, personal strengths and weaknesses
- Explore the notion of body image and the factors that influence our perception of self
- Consider relationships in all their forms, investigating roles, rights and responsibilities
- Develop a clear understanding of what a healthy and respectful relationship looks like

Common Assessment Tasks:

CAT 1: Health and Nutrition

CAT 2: Personal Identity

Work Requirement: Completion of Coursework

Exam



Subject: Advance Program

Elective Unit: One Semester Only

Description:

This unit is seen as a continuation of both the Year 9 Advance Programs, and provides a strong foundation for those looking to study Outdoor and Environmental studies at VCE. Students investigate the steps required to safely plan camps and trips both in a school and private setting. Students will have the opportunity to complete their Duke of Edinburgh Award. This program incorporates components of challenge, personal development, leadership, teamwork, initiative, personal and group responsibility as well as training in first aid and resuscitation. The unit involves two camp experiences which students are expected to attend to fulfil the 'adventurous journey' component of their Duke of Edinburgh Award.

While much of the program is a continuation of study from student's studies in Year 9, there are no previous requirements and new students are welcome to undertake the subject.

VCE Pathway: Outdoor and Environmental Studies

Learning Focus:

Students will:

- Learn about the steps required to safely plan a viable camp or trip involving travel both in and out of the school setting.
- Develop team work, self and group evaluation skills.
- Learn about safety in the outdoors and ways to minimize risk.
- Apply map reading skills to work out the time required to complete bushwalks.
- Participate in the Duke of Edinburgh Award scheme

Common Assessment Tasks:

CAT 1: Camp planning, participation and reflection

CAT 2: Practical involvement and safety knowledge

Work Requirement: Completion of Coursework

Exam (First Aid Course)

Additional Costs: \$250.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Outdoor Education

Elective Unit: One Semester Only

Description:

This subject prepares students for VCE Outdoor and Environmental Studies in Year 11 and 12. Outdoor Education is primarily a practical based subject that sees students participate in adventure based recreational activities. This unit introduces students to experiential education to build individual student's knowledge of self and outdoor environments. There is a strong focus on the development of skills and knowledge that allow for the safe participation in outdoor activities while having minimal impact on the environment.

VCE Pathway: Outdoor Education Studies

Learning Focus:

Students will

- Participate in a range of adventure activities canoeing, caving, initiative challenges and orienteering
- Participate in one full day excursion (compulsory)
- Undertake an overnight camp (compulsory)

Common Assessment Tasks:

CAT 1 – Bunurong and Practical Experiences Case Study

CAT 2 – Safety in Outdoor Activities

Work Requirement: Completion of Coursework

Exam

Elective Fee: \$120

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Physical Education

Elective Unit: One Semester Only

Description:

This unit is seen as an introduction to aspects of VCE Physical Education, and is strongly recommended for those intending to follow this path. Students examine the components of different body systems, including the skeletal and articular system, the muscular system, the cardiovascular system and the respiratory system. They investigate the relationships between these body systems and their roles in physical performance. Students are provided with the opportunity to participate in a variety of recreational sport based games and analyse the role these activities play in the development of a healthy individuals and communities. This sees them visit a range of community sports facilities and participate in recreational activities such as squash, ten pin bowling and bias bowls (indoor lawn bowls).

VCE Pathway: Physical Education

Learning Focus:

Students will:

- Identify and explore the components of the skeletal, articular, muscular, cardiovascular and respiratory systems
- Investigate the barriers and enablers that influence an individual's ability to access physical activity
- Research and compare Australia's Physical Activity and Sedentary Behaviour Guidelines with the current activity levels of young people
- Research and explore performance enhancing drugs and their legal status in various sports
- Examine the effects of performance enhancing drugs on the various body systems
- Participation in a variety of recreational activities throughout the semester, both at school and off site
- These can include but are not limited to lawn bowls, squash and walking the Thousand Steps

Common Assessment Tasks:

CAT 1: Access and inclusion

CAT 2: Drugs in sport

CAT 3: Practical participation

Work Requirement: Completion of Coursework

Exam



Subject: Fitness and Coaching

Elective Unit: One Semester Only

Description:

This unit is seen as an introduction to aspects of VCE Physical Education and VET Sport and Recreation, and is strongly recommended for those intending to follow this path. Students investigate and develop training programs with the aim of improving performance within a range of areas by exploring fitness components, training principles and training methods. Students analyse and assess methods for improving performance by examining skill acquisition principles and coaching styles and their overall effectiveness. The practical aspects of their studies includes seeing them applying these areas of study to a range of activities including: development of a physical training program, participation in advanced individual and team sports (focusing on skills, strategy, umpiring) and different coaching methods and coaching styles.

VCE Pathway: Physical Education

Learning Focus:

Students will:

- Identify, examine and apply fitness components, training principles and training methods
- Develop and undertake a training program by applying the training principles and methods
- Explore the principles of skill acquisition and their effect on performance
- Examine a variety of coaching styles and the role they play in skill development

Common Assessment Tasks:

CAT 1: Training program

CAT 2: Coaching

Work Requirement: Completion of Coursework

Exam



Year 10 Subject Descriptions - Science

All students must complete one unit of Science.

Subject: Chemistry

Elective Unit: One Semester Only

Description:

This subject will help you to build a strong foundation for the study of Chemistry in VCE, with a strong focus on sustainability.

Topics covered will include: Electronic Configuration, Trends in the Periodic Table, Types of substances and the chemical bonds they form, Chemical Reactions including Acid/Base Chemistry and Precipitation Chemistry and Introduction to organic chemistry. (Chemistry of plastic).

You will build strong practical skills by working safely and cooperatively in the laboratory and producing detailed reports. Other assessment will include formative quizzes, formal tests and the communicating of complex scientific concepts via posters and various uses of ICT.

VCE Pathway: Chemistry

Learning Focus:

Area of Study 1: Atomic structure and the periodic table

- All matter is made of atoms which are composed of protons, neutrons and electrons; natural radioactivity arises from the decay of nuclei in atoms
- The atomic structure and properties of elements are used to organise them in the periodic table
- Chemical reactions involve rearranging atoms to form new substances; during a chemical reaction mass is not created or destroyed

Area of Study 2: Chemical reactions

Different types of chemical reactions are used to produce a range of products and can occur at different rates; chemical reactions may be represented by balanced chemical equations • Chemical reactions, including combustion and the reactions of acids, are important in both non-living and living systems and involve energy transfer

Common Assessment Tasks:

CAT 1: 40% Test: Elements & Compounds

CAT 2: 40% Practical: Reaction Rates

Semester Exam: 20%

Ongoing Coursework requirements, including practical reports

Chemistry can lead to:

Medical practitioner

Nanotechnologist

Vet

Computational drug discovery scientist

Doctor

Nurse

Pharmacist

Forensic scientist

Chemical engineer

Additional Costs: \$35.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Biology

Elective Unit: One Semester Only

Description:

Biology is a diverse and evolving science discipline that seeks to understand and explore the nature of life, past and present.

In Term 1 we look at the structure and function of both plant and animal cells. We study the role that DNA and genes play in the transmission of heritable characteristics from one generation to the next.

In Term 2 we study the theory of evolution by natural selection and how the diversity of living things is supported by a range of scientific evidence.

VCE Pathway: Biology

Learning Focus:

- Structure and function of animal and plant cells, theoretical and practical components
- A study of scientific concepts and theories
- The structure and function of DNA including observing DNA under a microscope
- Genetic inheritance- how sex linked and non sex linked traits are transferred from one generation to the next
- Genetic engineering and the ethics of such
- Theory of evolution, natural selection, convergent and divergent evolution
- Human evolution

Common Assessment Tasks:

CAT 1: 40% Principles of Inheritance (practical and theoretical components)

CAT 2: 40% Natural Selection of Species – Island Life

Exam: 20%

Coursework requirements: A selection of Learning Tasks on Inheritance and Evolution

Biology can lead to:

Paramedic

Vet

Dietitian

Doctor

Nurse

Sports Scientist

Physiotherapist

Pharmacist

Zoologist

Agricultural Scientist

Forensic Scientist

Additional Costs: \$25.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Psychology

Elective Unit: One Semester Only

Description:

Psychology is a broad discipline that incorporates both the scientific study of human behaviour and the systematic application of this knowledge to personal and social circumstances in everyday life.

Area of Study 1: Psychological research and the scientific nature of psychology. Students conduct weekly experiments with the focus on developing key science skills whilst learning about the structures and functions of the brain.

Area of Study 2: Design and conduct a practical investigation related to the brain. The investigation requires the student to develop a question, plan a course of action to answer the question, undertake an investigation to collect the appropriate primary qualitative and/or quantitative data, organise and interpret the data and reach a conclusion in response to the question.

VCE Pathway: Psychology in particular but all Sciences

Learning Focus:

Students will:

- Describe the steps in psychological research
- Identify aspects of the scientific method in practical investigations
- Explain how different areas of the brain coordinate different functions
- Develop aims and questions, formulate hypotheses and make predictions
- Plan and undertake investigations
- Comply with safety and ethical guidelines
- Conduct investigations to collect and record data
- Analyse and evaluate data, methods and scientific models
- Draw evidence-based conclusions
- Communicate and explain scientific ideas

Common Assessment Tasks:

CAT 1: 40% The Scientific Nature of Psychology Test 35%

CAT 2: 40% Student-directed research investigation 35%

Exam: 20%

Work requirement: Logbook of practical investigations



Subject: Physics

Elective Unit: One Semester Only

Description:

Physics is the study of natural things. At Year 10 we focus on the creation of the universe. How stars are borne and die and how the universe may eventually end. We also investigate how and why things move the way they do. Year 10 Physics has a specific focus on velocity, acceleration, momentum of collisions and energy of rockets

VCE Pathway: Physics

Learning Focus:

Area of study 1

The Universe contains features including galaxies, stars and solar systems; the Big Bang theory can be used to explain the origin of the Universe.

- identifying the evidence supporting the Big Bang theory, such as Edwin Hubble's observations and the detection of microwave radiation
- recognising that the age of the Universe can be derived by applying knowledge of the Big Bang theory
- describing how the evolution of the Universe, including the formation of galaxies and stars, has continued since the Big Bang

Area of study 2

The description and explanation of the motion of objects involves the interaction of forces and the exchange of energy and can be described and predicted using the laws of physics

- recognising that a stationary object, or a moving object with constant motion, has balanced forces acting on it
- gathering data to analyse everyday motion produced by forces, such as measurements of distance and time, velocity, mass, acceleration and force
- investigating the effects of applying different forces, including Earth's gravitational force, to familiar objects

Common Assessment Tasks:

CAT 1: 40%: Science as a human endeavour. An investigation into how technology has shaped the discovery of objects in the universe. Everything from rockets to study of black holes to how indigenous cultures told stories/history using the stars.

CAT 2: 40%: Extended Practical Investigation. Using bottle rockets to investigate an element of motion. This can be how high/fast they go, how much energy they have, aerodynamics of the rockets or how changing the fuel affects its flight.

Exam: 20%

Work requirement: completion of practical experiments and topic tests.

Additional Costs: \$25.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Year 10 Subject Descriptions - Humanities

All students must complete one unit of Humanities.

Subject: Economics and Business

Elective Unit: One Semester Only

Description:

This unit exposes students to the VCE pathways of Economics, Business Management and Accounting. Students will develop financial literacy skills and understanding of the role investment plays in building wealth, as well as basic financial management for accounting for financial transactions of small businesses. Students will undertake the process of developing a new business to examine the enterprising behaviours and capabilities of business people. Students will develop an understanding of the indicators of economic performance and how economic performance influences living standards, comparing different nations. Students will investigate Australia as a trading nation and its place within the global economy.

Students will be introduced skills and strategies to:

- Act rationally and ethically when making personal financial decisions
- Develop enterprising behaviours and capabilities that improve employability and inspire students to own businesses in the future
- Evaluate economic decisions made by individuals, businesses and government

VCE Pathway: Accounting
 Economics
 Business Management

Learning Focus:

Students will:

- Examine the benefits and limitations of different forms of investment
- Record and report financial transactions for small businesses
- Develop enterprising skills and capabilities
- Analyse the strategies businesses use to gain a competitive advantage
- Analyse the economic performance of Australia, compare it with other nations
- Examine how economic activity affects people's standard of living

Common Assessment Tasks:

- CAT 1: Enterprising behaviours - 30%
- CAT 2: Economics and living standards - 30%
- Work Requirement: Folio of investment and accounting activities - 20%
- Exam: 20%



Subject: Geography

Elective Unit: One Semester Only

Description:

Year 10 Geography develops students' appreciation of global citizenship. It aids in their understanding of the world as well as the relationships and responsibilities people have toward all that lives on our planet.

The Year 10 Geography course has two units of study: Environmental Change and Management, and Geographies of Human Wellbeing.

In the Geographies of Human Wellbeing Unit, students will investigate the measurements of wellbeing and factors that impact on wellbeing through a range of case studies. They will consider the role of governments and non-government organisations in improving human wellbeing in Australia and other countries. Students will also develop a range of skills, including describing, explaining, analysing and evaluating geographical data.

The Environmental Change and Management unit focuses on human-induced environmental changes that challenge sustainability. Students will look at the environmental worldviews of people and their implications for environmental management. Through field work they will also collect, select and organise data according to its usefulness and reliability.

VCE Pathway: Geography

Learning Focus:

Students will:

- Consider different ways of measuring and mapping human wellbeing and development, and how these can be applied to measure differences between places
- Investigate the role of initiatives by international and national government and non-government organisations to improve human wellbeing in Australia and other countries
- Establish an understanding of correlation and causation
- Analyse and evaluate data, maps and other geographical information using digital and spatial technologies and Geographical Information Systems as appropriate
- Different types and distribution of environmental change and the forms it takes in different places
- Causes and consequences of an environmental change, comparing examples from Australia and at least one other country
- Using ethical protocols, collect and record relevant geographical data and information from reliable and useful primary and secondary sources
- Develop identifications, descriptions, explanations and conclusions that use geographical terminology

Common Assessment Tasks:

CAT 1: Human Wellbeing Data Analysis 40%

CAT 2: Investigation of Fieldwork site 40%

Exam 20%

Excursion: possible cost of \$40 for Fieldwork excursion



Subject: Modern History - Australians at War and Human Rights

Elective Unit: One Semester Only

Description:

Year 10 History provides a study of the history of the modern world and Australia from 1945 to the present, with an emphasis on Australia in its global context. Historical knowledge and understanding is covered through a variety of topics, such as:

- An overview of the inter-war years between World War I and World War II, including the Treaty of Versailles and the development of the Nazi Party.
- World War II with a focus on Australian involvement, Prisoners of War, Kokoda, the Bombing of Darwin and the causes and effects of the War.
- World War II is covered in two parts:
 1. The events in Europe, the Holocaust and the defeat of the Nazi Party.
 2. A focus on Australian involvement, Prisoners of War, Kokoda, the Bombing of Darwin and the causes and effects of the War.
- An outline of the Civil Rights events in the US and Australia is covered. Freedom Riders, The Stolen Generation and Aboriginal Land Rights such as Mabo are encompassed in the Rights and Freedoms unit.

VCE Pathway: Modern History Unit 1/2
History Revolutions Units 3/4
Ancient History Units 1 - 4

Learning Focus:

Students will:

- Study the interwar years between World War 1 and World War 2
- Investigate World War 2 with a focus of Australians involvement.
- Study World War 2 in two parts:
 1. The events in Europe, the rise of the Nazi Party, Hitler, the Holocaust and the defeat of the Nazi Party.
 2. The events in The Pacific including Australians involved in the battle of Kokoda, the bombing of Darwin and the atomic bombs at Hiroshima and Nagasaki.
- Study Australia's involvement in the Vietnam War including the cause of the War, Communism, Conscription and the treatment of soldiers on their return
- Study the aftermath of World War 2 and the development of the UN and Human Rights.
 1. US Civil Rights Movement including Martin Luther King
 2. Australia Indigenous people including Freedom Ride and Mabo Land Rights

Common Assessment Tasks:

CAT 1- Source Analysis on World War 2 (40%)

CAT 2 – Essay on Rights and Freedoms (40%)

Exam – Covering subject content (20%)



Subject: Disasters of the Ancient Past

Elective Unit: One Semester Only

Description:

This subject enables students to study Ancient civilisations based on the analysis and interpretation of physical and written evidence. Ancient History demonstrates how the world and its people have progressed over time and the significant legacies that have influenced present day society. Knowledge and understanding of the Ancient past is covered through topics such as Alexander the Great, other Ancient leaders and the disaster of Pompeii and Herculaneum.

VCE Pathway: Unit 1-4 Ancient History, Unit 1/2 Modern History, Unit 3/4 History
Revolutions

Learning Focus:

- **Topic One: Ancient Powerful Leaders**

- An overview of Alexander the Great's rise to power including events such as his military exploits and his ascent to the throne.
- An in-depth study of Alexander the Great's significant battles, military strategies and tactics.
- A focus on events such as the Battles as well as the Persian Wars.
- Alexander the Great's leadership and influence. Were his decisions that of a powerful leader or were they leading him to disaster?
- Hero or villain? Does Alexander the Great deserve the recognition he receives today or did his belief in his own indestructibility mean he was often reckless with his own life as well as the lives of his soldiers?
- A brief study of leaders of the Ancient leaders such as Genghis Khan, Hatshepsut and Boudicca.

- **Topic Two: The great disaster of Pompeii and Herculaneum**

- Geographical context. Where is Pompeii and Herculaneum located and why is the location significant?
- Ancient Roman gods and cults.
- Everyday life and social structure. Was there a difference between the rich and poor? Did this influence their survival of the disaster?
- Discovery and archaeological evidence. How was Pompeii and Herculaneum discovered and why did it not remain frozen in time as evidence suggests?
- Ethical issues with human remains and artefacts. Is it disrespectful to display human remains or is it simply showcasing the past?

Common Assessment Tasks:

- CAT 1 – Essay on Alexander the Great's influence on the Ancient World 40%
- CAT 2 – Source analysis on a range from Pompeii and Herculaneum 40%
- Exam – 20%



Subject: Legal Studies

Elective Unit: One Semester Only

Description:

This unit explores aspects of Australia's parliamentary and legal system. Students will develop an understanding of the structure and decision making powers of parliament and the role the Constitution has in protecting our rights, as well as an appreciation of democratic rights. This will involve comparing Australia to another nation. Exploration of the structure of the courts, the types of cases heard in courts, forms of punishments and remedies handed down in court and a citizen's rights in dealing with the police will culminate in an excursion to the Magistrates' Court to observe real life court proceedings. Students will also examine the concept of a cohesive society and the challenges we face in maintaining cohesion, as well as actions we can take to improve it.

VCE Pathways: Legal Studies

Learning Focus:

Students will:

- Examine the ways in which our legal system is able to uphold the principles of justice and distinguish between the sources of law that protect our rights and freedoms
- Analyse the outcomes of real criminal and civil cases and the role of courts in interpreting and applying the law
- Discuss the importance of the Constitution in determining the division of law-making powers between parliament and the courts and investigate the role of the High Court
- Compare Australia's parliamentary system with other nations in the Asia-Pacific region
- Compare the safeguards and threats to Australia's democracy and social cohesion
- Investigate Australia's legal responsibilities and obligations to the United Nations and other nations

Common Assessment Tasks:

- CAT 1: Australia's Legal System - 30%
- CAT 2: Australia's Political System & International Legal Obligations - 30%
- WORK REQUIREMENT: Folio of Learning Activities - 20%
- EXAM: 20%



Year 10 Subject Descriptions - Technology

All students must complete one unit from either The Arts or Technology

Subject: Product Design & Technology - Textiles

Elective Unit: One Semester Only

Description:

This unit is based on the Technology process of creating designed solutions.

Students are expected to design at least one product that shows flair and imagination. This could range from a fashion garment to a quilt, to recovering a piece of furniture or craft item.

Prior practical knowledge is preferred but not essential. Students may learn how to adapt commercial patterns or create their own pattern. Students will also complete a range of creative technique samples and complex skills when using the sewing machine and overlocker whilst constructing their product.

Theory will consist of a design brief that includes research into considerations and constraints, investigation into what is appropriate for the event, designing and final evaluation of the produced costume.

VCE Pathway: Product Design & Technology - Textiles

A range of VET courses

Learning Focus:

Students will work on a selected project which may include:

- a costume
- fashion garment
- craft piece, eg. including weaving, dream catchers, quilting
- repurposing an item

Common Assessment Tasks:

CAT 1: Practical project

CAT 2: Visual diary and Coursework

Exam

Additional Costs: \$60.00 - basic materials and fabric etc. for project to be purchased and brought in.

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Product Design & Technology - Wood Materials

Elective Unit: One Semester Only

Description:

This unit is designed to reinforce, consolidate and build on the various skills and techniques previously learnt in Year 9 and prepares students for further study in the Technology area. Specific attention will be given to the following: materials; established technology including machinery and correct use of tools; measurements; manufacturing process including joining and fastening; design and problem solving techniques; safe work practices; written evaluations of final products. Students will undertake an investigation in sustainability by examining the use of recycled wood in comparison to new timber.

VCE Pathway: Product Design & Technology - Wood

VCAL Pathway: Work Related Skills

Apprenticeship

Learning Focus:

Students will:

- design and produce a functional chair
- study of traditional construction methods
- make a wooden puzzle
- use traditional drawing methods

Common Assessment Tasks:

CAT 1: Wooden puzzle

CAT 2: Functional chair

Exam

Additional Costs: \$60.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Food Technology

Elective Unit: One Semester Only

Description:

In this unit students will develop skills in applying the design process through the production of food. They will be involved in food preparation and its associated techniques, methods of cooking, product development and innovations using safe and hygienic food handling practices. Students will investigate ethical and sustainable food production and food marketing and make judgements on how the principles of food presentation and sensory properties influence the creation of food solutions for healthy eating.

VCE Pathway: Food Studies

VET Pathway: VET Hospitality

VET Cert II Kitchen Operations

Learning Focus:

Students will:

- understand the design process
- develop skills in food preparation, using a range of cooking methods and key ingredients
- develop understanding of physical, chemical and sensory properties of food
- utilise a wide range of kitchen equipment
- develop safe and hygienic work practices
- develop an understanding of Australian Dietary Guidelines
- develop an understanding of, and learn to apply, the Australian Guide to Healthy Eating to food choices

Common Assessment Tasks:

CAT 1: Design brief task 1

CAT 2: Design brief task 2

Exam

Additional Costs: \$120.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Advanced Patisserie

Elective Unit: One Semester Only

Description:

In Advanced Patisserie students learn how to apply knowledge of the characteristics and scientific and sensory principles of food, along with the nutrition principles to develop their understanding of food selection and preparation. They do this through the design and preparation of food for specific purposes and consumers. They will apply design thinking, creativity and innovation to create designed solutions.

VCE Pathway: Food Studies

VET Pathway: VET Cert II Kitchen Operations
Catering Operations

Learning Focus:

Students will:

- understand the design process
- develop skills in food preparation methods
- enhance their understanding of key ingredients and their role in recipe success
- develop skills in food preparation and garnishing techniques
- utilise a wide range of kitchen equipment
- develop safe and hygienic work practices

Common Assessment Tasks:

CAT 1: Design brief task 1

CAT 2: Design brief task 2

Exam

Additional Costs: \$120.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: STEM - Engineering

Elective Unit: One Semester Only

Description:

Engineering problem solving STEM looks at applications of science, maths and technology into the real world. This subject includes elements of electronics, design, engineering problem solving and digital technology (robotics). This subject links aspects of science, technology and design to open the doors to the students to the world of engineering.

VCE Pathway: Physics
: Systems Engineering

Learning Focus:

Students learn about the design process through the creation of many projects. These all relate to machines and structures. Students will learn how to use the 3D printers and laser cutters as well as drafting skills and soldering. This is all done through problem solving, analysing their options, reflection and then improvement of their designs.

This is a structure that will enable students to think their way around any problem and find the best solution with the information that they have available at the time:

- explaining the way common machines combine properties of materials and force, motion and energy in, for example, cranes on building sites
- examining and explaining the interaction between material properties and function of a common system.
- analysing the relationship between materials of properties, forces and safety in engineered systems
- critiquing the effectiveness of the combinations of materials, forces, energy and motion in engineered systems
- electric circuits can be designed for diverse purposes using different components; the operation of circuits can be explained by the concepts of voltage and current

Common Assessment Tasks:

Cat 1: Judo bots. The creation of a hydraulic fighting robot

Cat 2: Electronics. The creation of a soccer playing remote control car

Work requirement: Completion of the Grock coding challenge

Additional Costs: \$45.00

**** Students will only be accepted into this course once the materials fee is paid in full**



Subject: Coding & Computing

Elective Unit: One Semester Only

Description:

This unit is designed to reinforce, consolidate and build on the various information technology skills and design techniques previously learned in Year 9 and prepare students for further study in the Information Technology area. Students will be introduced to advanced information technology techniques, skills and problem solving methodologies as well as developing programming skills. Specific attention will be given to the following: Web page design, development and publishing; programming techniques and application; graphical manipulation.

VCE Pathway: Computing Unit 1 and 2
 Software Development Unit 3 and 4

Learning Focus:

Students will:

- develop programming skills
- develop computational thinking skills
- develop problem solving skills
- develop their understanding of core coding concepts, including data types, data structures and control structures

Common Assessment Tasks:

CAT 1: Coding task

CAT 2: Programming task

Exam



Year 10 Subject Descriptions - Vocational

Subject: Personal Development Skills Foundation Unit 1

Elective Unit: 1 Semester only

Nominal duration 100 hours – 1 credit Unit purpose

VCAL Pathway: Intermediate VCAL Certificate

Description:

This unit is for students looking to go into apprenticeships, traineeships or work after Secondary Schooling. It will be a 'Hands on Subject', that will focus on the development of appropriate knowledge, skills and attributes to help in a vocational setting.

Learning Focus:

Students will

- be supported in the undertaking of their VET subjects.
- develop planning and work-related organisational skills
- develop research and job-readiness skills
- develop teamwork skills for work-related contexts
- develop problem-solving and interpersonal skills for the work place
- develop and apply transferable skills for work-related contexts

Assessment:

This subject is competency based and is assessed through group projects, teamwork, observation and class tasks.

Subject: Work Related Studies Foundation

Elective Unit: 1 Semester only

VCAL Pathway: Intermediate VCAL Certificate

Description:

The primary purpose of this unit is to introduce students to basic OHS knowledge and other skills required in the workplace. Through 'Hands On' activities this unit provides opportunities for students to explore career/employment options and to develop job application skills. Students will, also be supported in undertaking of their VET subjects.

Learning Focus:

The Work Related Skills units are designed to:

- develop OHS awareness and understanding
- reflect the progression of skills, knowledge and attributes related to work
- integrate learning about work skills with prior knowledge and experiences
- enhance the development of employability skills through work-related contexts
- develop and apply transferable skills for work-related contexts.

Assessment:

This subject is competency based and is assessed through group projects, teamwork, observation and class tasks.

