



MIDDLE SCHOOL SUBJECT SELECTION GUIDE

2024



CONTACT INFORMATION

PRINCIPAL

Ms Simone Roy

ASSISTANT PRINCIPAL

Ms Sarah Laidlaw

BUSINESS MANAGER/S

Mrs Kirsty Field and Mrs Kelly Roffey

MIDDLE SCHOOL COORDINATOR

Ms Mel Janson

CAREERS & PATHWAYS COORDINATOR

Mrs Jo Macklan

ADDRESS

Tailrace Road, Mount Beauty VIC 3699
PO Box 38, Mount Beauty VIC 3699

TELEPHONE NUMBER

(03) 5754 4005

WEBSITE

www.mbsc.vic.edu.au

EMAIL

mount.beauty.sc@education.vic.gov.au

SELECTIONS

HOW TO USE THE MIDDLE SCHOOL HANDBOOK

This is a very important process. Please think carefully before making your decisions!

**STUDENTS WILL COMPLETE THEIR SUBJECT SELECTIONS
BY CHOOSING FROM THE AVAILABLE ELECTIVES OFFERED.**

Students need to remember that:

- All students will study English, Mathematics, Physical Education and Sport.
- All students must select at least **two** units from the Humanities, Sciences and **three** units from the areas of Arts and Technology each year.
- **All students** will complete the 4 core science classes over the 3 years.
- During **Year 8 or Year 9**, students must study at least one of the following health units: Body Respect (HE81) or Healthy Mind (HE08).

WHAT HAS TO BE DONE NOW?

STEP ONE: Read your Handbook

Fill out your 3-year curriculum plan (to-date).

Identify the units that interest you.

Identify any units you have already completed.

STEP TWO: Collect Information

From Teachers

From Parents

From Other Students

STEP THREE: Fill in your Initial Selections

Fill out the 2024 Selection Record.

Be careful NOT to repeat any units, the exception is DR03 All The World's a Stage.

Remember to choose alternatives in case some of your units are blocked against each other.

STEP FOUR: Make FINAL Selections

Students make Final Selections from the blocking selection sheet (not in the handbook)

STEP FIVE: Submit your **FINAL** Selections signed by a Parent/Guardian to your Home Group Teacher by the due date.

Middle School 3-Year Curriculum Balance Record

Name: _____

As you think about your selections you need to consider carefully the units you have already studied. Before you start making decisions on your course for next year, fill in the tables below to assist you in making the correct decisions now!

Year 8 - Year _____

Semester 1					
English	Mathematics	Phys. Ed	Sport		
Semester 2					
English	Mathematics	Phys Ed	Sport		

Year 9 - Year _____

Semester 1					
English	Mathematics	Phys. Ed	Sport		
Semester 2					
English	Mathematics	Phys Ed	Sport		

Year 10 - Year _____

Semester 1					
English	Mathematics	Phys. Ed	Sport		
Semester 2					
English	Mathematics	Phys Ed	Sport		

2024 Middle School Offerings Semester 1

English	Languages	Mathematics	Humanities	Science	Health and Physical Education	Technologies	The Arts
Semester 1 – Years 8/9							
EN08 Year 8 English	LA01 Continuing Indonesian 1	MA08 Year 8 Maths	HI83 Blokes in Boats	JS81 Creating Our World	PE08 Year 8 PE	TF03 Cooking for Two	AT03 Further Ceramics
EN09 Year 9 English		MA09 Year 9 Maths	GE87 Up the Creek SE82 Let's Vote	JS82 Rocking Our World PH83 Simple Machines	PE09 Year 9 PE Sport 7/8 HE81 Body Respect OE09 Alpine Environments (8)	TT03 Dramatic Designs TM01 Wood Technology	VC18 Photohopotopography and Design DR03 All the World's a Stage ME03 Making Movies MU07 General Music
Semester 1 – Years 9/10							
EN09 Year 9 English	LA05 Advanced Indonesian 1	MA09 Year 9 Maths	EC92 Money and Markets	SS91 Transforming Our World	PE09 Year 9 PE	TF06 Food for Life	AT31 The Power of Paint
EN10 Year 10 English		MA10 Year 10 Maths	HI93 World War Two GE95 Global Issues	SS92 Energy in our World SC96 Environmental Engineering	PE10 Year 10 PE Sport 9/10 OE09 Alpine Environments (10) HC10 Year 10 Health and Careers	TT03 Dramatic Designs TM07 Home Workshop JO03 Journalism in Practice	VC16 Illustration and Design DR03 All the World's a Stage ME03 Making Movies MU07 General Music

2024 Middle School Offerings Semester 2

English	Languages	Mathematics	Humanities	Science	Health and Physical Education	Technologies	The Arts
Semester 2 – Years 8/9							
EN08 Year 8 English	LA02 Continuing Indonesian 2	MA08 Year 8 Maths	HI88 Victorian History GE85 My Island Home EC83 Small Business Enterprise	JS81 Creating Our World JS82 Rocking Our World SC83 Making and Breaking	PE08 Year 8 PE PE09 Year 9 PE Sport 7/8 HE81 Body Respect OE02 The Local Environment (8)	TF10 Focus on Food TT10 Sew Sensational TM02 Metal Technology	AT07 Print Making VC21 Into the Future DA02 Let's Dance TS04 Fairytales to Entrails MU11 Songwriting and Composing
EN09 Year 9 English		MA09 Year 9 Maths					
EN10 Year 10 English		MA10 Year 10 Maths					
Semester 2 – Years 9/10							
EN09 Year 9 English	LA05 Advanced Indonesian 2	MA09 Year 9 Maths	EC93 Laws and Citizenship HI94 Modern World GE96 From Paddock to Plate	SS91 Transforming Our World SS92 Energy in our World SC94 Forensics and Psychology	PE09 Year 9 PE PE10 Year 10 PE Sport 9/10 HC10 Year 10 Health and Careers OE02 The Local Environment (10)	TF07 Fabulous Fast Food TT10 Sew Sensational TM08 Build Your Own Guitar IT08 World Wide Communications	AT14 Drawing for Purpose VC22 Out of the Box DA02 Let's Dance TS04 Fairytales to Entrails MU11 Songwriting and Composing
EN10 Year 10 English							

Mount Beauty Secondary College Middle School Selection Record 2024

Name: _____ Homegroup: _____ Year Level in 2024: _____

Keep a record of your initial selections in your Middle School Handbook so you have something to refer back to.

How to use this selection record sheet:

- Read the Middle School Handbook and decide which units interest you.
- Select 6 units from the Semester 1 offerings and 6 units from the Semester 2 offerings from the A3 blocking sheet (which is not in the handbook).
- As you do so, fill your choices into the Semester 1 and 2 boxes below.
- **At the end of your selections, ALL the white spaces should be filled and 5 shaded spaces should be filled.**
- **Over the three years from year 8 to year 10 it is expected you will complete one unit from each of the following: each of the four core Sciences, Economics, Geography, History and Arts/Technology.** This is not each year but over the three years.
- If your course does not satisfy this curriculum balance, please discuss it with your year level coordinator.

Semester 1 2024 Selections

Please write in the course codes not the name of the unit

English	Mathematics	Phys. Ed							

Semester 2 2024 Selections

English	Mathematics	Phys. Ed							

Full Year Curriculum Balance Table 2024

Please write in the course codes not the name of the unit

English	Mathematics	Humanities	Science	Health & Physical Education.	The Arts / Technologies	Languages
English Semester 1	Maths Semester 1			Phys. Ed Semester 1		
English Semester 2	Maths Semester 2			Phys. Ed Semester 2		
				Sport Semester 1		
				Sport Semester 2		

ENGLISH

English is a compulsory course for all students at Mount Beauty Secondary College.

English as a subject focuses on:

- Understanding and analysing a range of texts including novels, plays, poetry, non-fiction, films, newsprint, documentaries and popular media
- Developing sound communication skills in writing, speaking and listening
- Broadening the students' experiences in using the English language in different contexts and for different purposes

Middle School English aims for all students to have the skills and confidence by the end of Year 10 to go with further study at VCE level or enter the world of employment

Learning Area: English

Capabilities:

Year 8

Semester 1: Critical and Creative Thinking

Semester 2: Intercultural

Year 9

Semester 1: Personal and Social learning

Semester 2: Ethical

Year 10

Semester 1: Critical and Creative Thinking

Semester 2: Intercultural

Year 8 English

The course will include the study of a range of illustrated texts as well as the literacy study and reading of "Trash" and "Follow the Rabbit Proof Fence". Students will be introduced to literary analysis through the study of the animated film 'How to train your dragon'. Students will develop skills in writing essays, short stories, letters and reports. Themes and issues studied will include the fantasy genre, biography writing and justice. Oral communication and group work skills will be emphasised in both units. Students will also spend some time each week exploring library texts and reading for pleasure both at school and home.

Year 9 English

Students will study the texts "Of Mice and Men", "The Simple Gift", and the film "War Horse". Students will be assessed on a series of writing tasks including essay planning and writing, creative and analytical responses, oral presentations, listening skill development activities and group work. Students will also spend some time each week exploring library texts and reading for pleasure both at school and home.

Year 10 English

Students will study the text "The Rugmaker of Mazar-E-Sharif". Students will be introduced to the language and poetry of Shakespeare and use it to develop creative writing. His play "Romeo and Juliet" will be used to develop literary analysis skills. Students will be analysing texts from media sources to develop persuasive language skills. Students will be assessed on a series of tasks including written responses and oral presentations.

As part of the English curriculum, films and documentaries are often used as resource materials. In line with the school policy, only films that are suitably rated to specific year levels will be used. G and PG rated films are deemed suitable for all year levels. M rated films will only be shown to students in Year 9 and 10 and will be with written parental permission. MA rated films will only ever be used in Year 12 classes.

A quality Health and Physical Education program is presented at Levels 8-10 and both areas of the program are compulsory subjects for all students at Mount Beauty Secondary College.

Relative to individual ability, age and year levels, the Health and Physical Education Curriculum aims to:

- Improve a student's co-ordination, fitness and spatial awareness.
- Increase a student's ability to work as a member of a team, while developing leadership and refereeing skills.
- Develop the ability for self analysis of motor skill performance.
- Develop and encourage fair play, sportsmanship and knowledge of the rules in all sports.
- Inspire and encourage students to develop and maintain a healthy lifestyle.

Sports undertaken throughout Years 7 – 10 include:

Swimming
Gymnastics
Tennis
Soccer
Basketball
Touch Rugby
Australian Rules Football
Baseball
Softball
Sofcrosse (modified Lacrosse)
Golf
Ultimate Frisbee
Cricket
Volleyball
Badminton
Hockey

SPORTS UNIFORM

Students will require a change of clothes for all Physical Education and sport classes. The school's sports uniform is navy blue basketball shorts or track pants/leggings and the Mount Beauty Secondary College sports polo shirt (with school logo). Students also need a clean pair of runners for stadium use. Skins are not considered a part of the sports uniform.

SKIING

Skiing is a part of the school's Sport Education Program in Term 3 and as such students have the opportunity to enter inter-school competitions. For five days of the Sport Program students can participate in the skiing discipline of their choice; Alpine, Snowboard or Cross Country. Students can choose to specialise in one discipline, or sample a range of all three.

Unit Title: **Year 10 Health and Careers** Code: HC10 Year Level: 10

Learning Area: Health and Physical Education

Capability: Personal and Social

***This is a compulsory subject for all Year 10 students**

Course Description: Students will study a range of topics related to personal, social and community health. Students will investigate how to stay active, healthy and safe, while developing broad communication skills by working together in small groups. Homework tasks will be included and assessment will be based on written work and oral presentations.

Unit Title: **Body Respect** Code: HE81 Year Level: 8/9

Learning Area: Health and Physical Education

Capability: Personal and Social

Course Description: Students will examine their own health and ways to help them improve their behaviour for wellbeing. Students will be required to recognise changes that occur as a result of the adolescent stage of the lifespan and describe the factors that influence their own development. They will need to identify outcomes of risk taking behaviours and apply harm minimisation strategies. Some of the topics covered will include growth and development, sexuality, relationships, personal identity, risk taking, harm minimisation and issues affecting the health of teenagers. Students will be expected to participate in class activities and discussion, maintain a health resource and complete assignments on a range of health related topics.

Unit Title: **Alpine Environments** Code: OE09 Year Level: 8/10

Learning Area: Health and Physical Education

Capability: Critical and Creative Thinking

Course Description: Alpine Environments looks at the recreational, scientific and land management understandings of the alpine environment. It looks at how each of these user groups interact with and use the alpine environment. Students will be required to participate in a range of activities within and using the alpine environment. These may include mountain biking, bushwalking, orienteering and canoeing which students will be expected to participate.

****Special Requirement:** Students need to provide their own mountain bike and helmet. There may be additional costs from some activities which **must be paid** for in order to attend.

Unit Title: **The Local Environment** Code: OE02 Year Level: 8/10

Learning Area: Health and Physical Education

Capability: Critical and Creative Thinking

Course Description: Students will investigate the following topics: natural environments, navigation, first aid, weather, materials technology and the impact humans have on the environment. These topics will be explored through outdoor activities and excursions. Students will be expected to participate in all practical classes and complete set homework. Assessment tasks also include a trip planning assignment and mini assignments on mountain biking, navigation, first aid and camp cooking. Activities may include: bushwalking and orienteering, camping, mountain biking and canoeing.

****Special Requirement:** Students need to provide their own mountain bike and helmet. There may be additional costs from some activities which **must be paid** for in order to attend.

A diverse, exciting and well-structured Humanities program is presented at Levels 8-10. Students will be encouraged to think and learn on a local, national and world-wide scale. The main aims are to improve students' ability to think, present their views and provide them with broad ranging issues to consider.

Unit Title: **Blokes in Boats** Code: HI83 Year Level: 8/9

Learning Area: Humanities: History
Capability: Personal and Social

Course Description: In this unit students will investigate the impact of invading forces on the peoples of the world. Students will study the exploits of the Saxons, Vikings and Normans in Europe, the mystery of the sinking of the Mary Rose and the discoveries made by Captain Cook in the Pacific. Students will complete several short and one extended research tasks. At least one essay, creative response, group work task and an oral presentation will also be assessed throughout the semester. Students will be expected to complete homework tasks.

Unit Title: **Up the Creek** Code: GE87 Year Level: 8/9

Learning Area: Humanities: History
Capability: Personal and Social

Course Description: This unit primarily looks at our use of rivers, in particular, the Kiewa River. Students will examine the way that streams are used and the issues arising from their misuse. In this unit, students will undertake significant fieldwork and be required to investigate a range of stream measurements. Students will be expected to be able to interpret different types of maps and data sources. The assessment of students will include an investigative research task on a local river species, a poster presentation of the Water Cycle, and an oral presentation on water erosion. Students will be required to maintain a well presented and up-to-date workbook and complete homework tasks during the semester.

Unit Title: **Victorian History** Code: HI88 Year Level: 8/9

Learning Area: Humanities: History
Capability: Ethical

Course Description: In this unit students will study the rich history of our state. The semester will begin with a study of life during the industrial revolution and daily life for workers. The reasons for settlement and the impact on Australia's first peoples will be a major topic of the unit. The class will examine the gold rushes and rebellion at Ballarat. Ned Kelly will be a featured character for study, with a debate on how he is idealized in our society. At least one essay, creative response, group work task and an oral presentation will also be assessed throughout the semester. Students will be expected to complete homework tasks.

Unit Title: **My Island Home** Code: GE85 Year Level: 8/9

Learning Area: Humanities: History
Capability: Ethics

Course Description: The Pacific Islands might just be on our doorstep but are we being good neighbours? The people of the South Pacific face many challenges thanks to their unique geography and the isolation of living in the world's largest ocean. As well as studying the people of the Pacific students explore the uniqueness of coastal environments and tectonic hazards such as tsunamis and volcanoes which the region is known for. Students will further develop their thinking skills by producing a poster, essay and report. Students will be expected to complete homework tasks.

Unit Title: **Small Business Enterprise** Code: EC83 Year Level: 8/9

Learning Area: Humanities: Geography
Capability: Personal and Social

Course Description: Experience the rollercoaster ride of running your own business. In groups, students will be guided through the process of writing a business plan for a market stall. Students will select their products, choose a location, design a marketing campaign, produce product packaging and calculate a selling price in order to maximise their profits. All profits will be donated. Four homework tasks relating to their business idea will be completed during the semester.

Unit Title: **Let's Vote** Code: SE82 Year Level: 8/9

Learning Area: Humanities: Economics and Business
Capability: Ethics

Course Description: In this unit, students will be introduced to the world of politics and decision making. They will study the major forms of government from around the world and through history. They will become experts of Australia's electoral system and levels of Government and explore issues that affect young people in particular. The class will study issues relevant to them in the Kiewa Valley and discover how important it is for young people to be involved activism within their local and broader communities. At least one essay and oral presentation will be assessed throughout the semester. Students will be expected to complete two homework tasks per term.

Unit Title: **Money and Markets** Code: EC92 Year level: 9/10

Learning Area: Humanities: Geography
Capability: Personal and Social

Course Description: Economics is the study of why people make choices and this unit teaches students how to make sound decisions using economic theories. Students will study how global commodity markets operate, exploring the influences of supply and demand. Students will also look at financial markets and the role that households, businesses and government play in the economy. Students will learn how to record and present financial information as well as how to make the most of our tax system. They will also research ethical issues associated with our market system and analyse how wealth is distributed. Students will be expected to complete two homework tasks per term.

Unit Title: **Laws and Citizenship** Code: EC93 Year Level: 9/10

Learning Area: Humanities: History
 Capability: Thinking

Course Description: Have you ever wondered what happens if someone you know is arrested or if you are sold a poisoned chicken sandwich? This subject explores the Australian legal system and the rights of citizens. Students learn about how laws are made and how they are enforced through courts. Students study criminal law and apply their knowledge to real life cases. They also investigate issues faced by groups in our society including researching a current threat to our democratic system. Students will be expected to complete two homework tasks per term.

Unit Title: **Modern World** Code: HI94 Year Level: 9/10

Learning Area: Humanities: Geography
 Capability: Ethical

Course Description: Students will be exploring the changes that have occurred in our ever expanding world in the late 20th Century. Students will investigate the competing ideologies of the global superpowers that lead to the Cold War. They will study the social changes in Australia with a particular focus on pop culture. Students will interpret and analyse historical documents, write an essay about the significance of the cold war, and complete presentations on researched areas of interest. Students will be expected to complete two homework tasks per term.

Unit Title: **From Paddock to Plate** Code: GE96 Year Level: 9/10

Learning Area: Humanities: Economics and Business
 Capability: Personal and Social

Course Description: In this unit, students are introduced to the world of food production, both in Australia and globally, while exploring the concept of biomes. Biomes are large regions of Earth characterised by specific climates and ecosystems. Students will study a range of livestock and produce, focusing on geographical and ethical issues arising from farming within different biomes. Students will engage in assessments evaluating their understanding of animals, sustainability, and ecosystems. Students will be expected to complete two homework tasks per term.

Unit Title: **World War Two** Code: HI93 Year Level: 9/10

Learning Area: Humanities: History
 Capability: Ethical

Course Description: Students will investigate how international events in the 1920's led to the crises politically and economically in the 1930s. Students will gain an understanding of fascism and communism as ways of organising society and how these competing ideologies led to WWII. The class will focus on the events of WWII and Australia's involvement. Students will investigate the war service of a local veteran in preparation for ANZAC day. Students will interpret and analyse historical documents, write an essay on political ideology and complete presentations on researched areas of interest. Students will be expected to complete two homework tasks per term.

Unit Title: **Global Issues**

Code: GE95

Year Level: 9/10

Learning Area: Humanities: History

Capability: Ethical

Course Description: This course provides students with the opportunity to develop knowledge and a broad understanding of global issues. Students will investigate at least two development topics such as food security, technology development, environmental degradation or the impact of globalisation. There will be a strong information and technology component in this unit. Assessment tasks will include a research assignment based on an issue chosen by the class, an investigative report on the role of the United Nations in settling international disputes, a persuasive essay on the climate change debate and an oral presentation on a global issue of the student's choice. Students will also be required to submit two homework tasks per term.

Indonesian is our chosen language, and although offered as semester units, it is best studied as a full year subject. Please keep this in mind when choosing subjects.

Successful completion of **Advanced Indonesian 1 (LA05)** and **Advanced Indonesian 2 (LA06)** allows students to pursue an **Indonesian LOTE at VCE.**

Languages Other Than English (LOTE) - correspondence study

Students may study LOTE in a wide variety of languages through the Victorian School of Languages (VSL). The VSL sends detailed notes and assignments and students work through them on a weekly basis, and conducts phone lessons.

Students undertaking correspondence studies must be able to work independently usually in the Library under supervision.

The VSL charges a levy for each unit studied.

Parents contemplating enrolling their child in correspondence study should discuss their plans with the appropriate Year Level Coordinator and the Distance Education Coordinator.

Unit Title: **Continuing Indonesian 1** Code: LA01 Year Level: 8

Learning Area: Languages Other Than English (Indonesian)
 Capability: Intercultural

Course Description: This unit requires previous language study in Indonesian at Year 7 level. Topics include: 'Housing', 'Describing and buying clothing', 'Parts of the body and well-being'. Cultural aspects are also studied in greater detail. Continuing Indonesian expands on existing knowledge to encourage users to become more competent in Indonesian. Grammar and language skills are focussed upon in more detail along with more complex everyday language. The students will be expected to participate in listening and speaking activities and complete vocabulary and written tests. The students will participate in a fashion parade, a cooking day and complete a cultural assignment on Bali. Students will have weekly homework tasks to expand their vocabulary.

****Special Requirement:** Keep Year 7 Kenalilah Indonesian 1 Workbook and bring to class.

Unit Title **Continuing Indonesian 2** Code: LA02 Year Level: 8

Learning Area: Languages Other Than English (Indonesian)
 Capability: Intercultural

Course Description: It is preferable that students have completed LA01 to enrol in this unit, but keen students with a competent Year 7 background may enrol. Topics include: 'Food', 'Ordering a meal in a restaurant', 'Animals and animal environments'. Students should be able to read, write and understand short passages in Indonesian and write a 150 word story in Indonesian. More attention is paid to grammar in order to study more complex language, again using oral and written activities to consolidate knowledge. Students will complete a number of written and vocabulary tests, as well as participate in listening and speaking activities. Students will be expected to complete a cultural assignment on Rice and Endangered animals of Indonesia. Students will have weekly homework tasks to expand their vocabulary.

Unit Title: **Advanced Indonesian 1**

Code: LA05

Year Level: 9/10

Learning Area: Languages Other Than English (Indonesian)

Capability: Intercultural

Course Description: It is recommended that students have successfully completed LA04 to enrol in this unit. We will cover topics such as: 'Going on Holiday', 'Ceremonies and Celebrations'. Students should be able to read, listen to and understand Indonesian passages using familiar language by the end of this unit. Students will also write a 200-word essay about going on a holiday. The focus will be on grammar and linguistic structures in order to study more complex language using listening and written activities to consolidate knowledge. Cultural assignments on Sumatra and Wayang Kulit puppets will be completed. Students will be expected to participate in oral practice on a weekly basis as well as complete written and vocabulary tests. Students will have weekly homework tasks to expand their vocabulary.

Unit Title: **Advanced Indonesian 2**

Code: LA06

Year Level: 9/10

Learning Area: Languages Other Than English (Indonesian)

Capability: Intercultural

Course Description: It is recommended that students have successfully completed LA05 to enrol in this unit. This subject will expand on existing knowledge in order to encourage students to become more competent in Indonesian. Topics covered include: 'Health' as well as 'City and Village Life'. Students should be able to read, listen to and understand Indonesian passages using familiar language by the end of this unit. This unit will continue to focus on grammar and linguistic structures in order to study more complex language using oral and written activities to consolidate knowledge. Students should be able to write short essays of over 200 words and complete written and vocabulary tests. A picture storybook will be written and illustrated throughout the semester. Students will complete cultural assignments on traditional medicine and the Tana Toraja in Sulawesi. Students will have weekly homework tasks to expand their vocabulary.

A quality Mathematics program is presented at Years 7-10 and is a compulsory subject for all students. These units cover three strands of the Victorian Curriculum F-10. Years 7 -10 address Level 7 - 10 outcomes.

Students in all year levels will need a Casio natural display scientific calculator. Teachers will stress correct calculator techniques. A sound knowledge of number facts and times tables is still required.

Assessment tasks in all year levels are related to Victorian Curriculum F-10 and will include tests, projects, assignments and practical exercises as well as homework.

Learning Areas: **Mathematics**

Capability: Critical and Creative Thinking

Year 8

In Year 8 Maths, students study the four arithmetic operations; working with directed numbers; divisibility and prime factorisation; order of operations; length, perimeter; circumference; area of plane shapes, circles, sectors and composite shapes; surface area of a prism and volume and capacity. Students also learn about a range of topics, covering angles, lines and shapes, algebraic techniques, probability and statistics. They use technology to visualise their thinking and revise concepts, complete an investigation into Climate Change using statistics and create a chance game in small groups. Students complete weekly homework each term.

Year 9

In Year 9 Maths, students study scientific notation and index laws; geometry and measurement; two and three dimensional constructions and drawings; statistics and linear algebra and graphs. Students also explore measurement; maps and scales; trigonometry and complex graphing with the solution of simultaneous equations. Students complete a number of mathematical projects that explore skills covered in class. These include a project on soccer involving trigonometry and rainwater collection and usage involving measurement skills. Students complete weekly homework each term.

Year 10

In Year 10 Maths, students develop skills with algebra; trigonometry; probability and statistics; graphs and measurement relating to real world scenarios. At appropriate times, technology and graphing calculators are used to explore and visualise key concepts. Students complete a number of mathematical assignments including a geometric project where students discover the real world application of common geometric shapes and represent these objects using diagrams. Students complete weekly homework each term.

Unit Title: Maths of Careers Code: MA17 Year level: 8/9/10

Learning Area: Mathematics

Capability: Critical and Creative Thinking

Course Description: This unit examines the mathematical skills and knowledge required in a range of occupations. Careers such as being an architect, accountant, tradesperson, engineer and statistician will be explored. Students will develop an understanding of the mathematical concepts involved in the training for these occupations and day to day tasks within these fields. Research into various occupations and careers will occur alongside practical applications of the mathematical skills. Students will be expected to complete a range of assessments including tests, projects and assignments.

Unit Title: Maths Behind the Sport Code: MA18 Year level: 8/9/10

Learning Area: Mathematics

Capability: Critical and Creative Thinking

Course Description: Have you ever wondered how the draw for your favourite sport is developed? How they time races precisely? What size equipment to choose for the best outcome? Maths Behind the Sport explores the mathematical concepts that sport competitions utilized regularly. Topics such as timing, equipment, team/player statistics, the ladder and much more could be examined in this subject. Students will apply the skills and concepts covered in class by completing assignments and projects as well as practical and investigative reports.

GENERAL SCIENCE OBJECTIVES

To develop in all students the skills of:

- Safe handling of equipment and chemicals
- Reading scientific instruments
- Conducting experimental work
- Scientific method of investigation - observe, hypothesise, test, conclusions
- Designing experiments including measurement and presentation of results
- Perform risk assessment

To make all students aware of:

- The environmental issues of science
- The impact of science and technology on society
- Emerging knowledge, issues and scientific debate

To give all students a knowledge and understanding of science so that they can make more informed decisions as members of society.

Creating Our World should be done before Transforming Our World

Rocking Our World should be done before Energy In Our World

Compulsory 8/9 Units

Unit Title: **Creating Our World**

Code: JS81

Year Level: 8/9

Note: This subject is run in both semesters

Learning Area: Science: Chemical and Biological Sciences

Capability: Critical and Creative Thinking

****This course is a compulsory elective to be completed at Year 8 or Year 9.**

Course Description: Creating Our World explores the building blocks of matter and life. Students begin by learning about the fundamental particles of matter and how the different elements are classified and organised. This will include understanding the structure of the periodic table. Students will then discover how atoms are able to combine in order to create everything around us. Experiments, which explore chemical reactions and conservation of mass, will be conducted. Next, the students will learn how non – living atoms can combine to form living organisms. They will look at the structure of cells and how cells can work together to create increasingly more complex structures. A study of the nervous system will allow students to understand how multicellular organisms are able to respond to their environment. Assessments will include practical investigations, analysis of data and tests. At least four homework tasks must be completed.

Unit Title: **Rocking Our World** Code: JS82 Year Level: 8/9

NOTE: This subject is run in both semesters

Learning Area: Science: Physical and Earth Sciences

Capability: Critical and Creative Thinking

****This course is a compulsory elective to be completed at Year 8 or Year 9.**

Course Description: Rocking Our World explores the different ways in which energy flows through our environment. Students start by investigating the timescales over which sedimentary, igneous and metamorphic rocks are formed and then move on to understanding patterns of geological activity and continental movement due to plate tectonics. In the Physical Sciences section, students investigate energy in the form of light and sound. This involves discovering how light can form images via reflective surfaces and lenses, and how it disperses to produce a spectrum. These concepts are then applied to the human eye in order to explain how we can see. The properties of sound are explained using a wave model. Students link the properties of sound to its different uses such as ultrasound and echo location. Assessments will include practical investigations, analysis of data and tests. At least four homework tasks must be completed.

Compulsory 9/10 Units

Unit Title: **Transforming Our World** Code: SS91 Year Level: 9/10

NOTE: This subject is run in both semesters

Learning Area: Science: Chemical and Biological Sciences

Capability: Critical and Creative Thinking

****This course is a compulsory elective to be completed at Year 9 or Year 10**

Course Description: Transforming Our World explores the complexity of life by investigating evolution, heritable traits and the development of ecosystems. This allows students to see how populations and species change from one generation from the next but are still linked in an interdependent system. Students develop their understanding of how chemical changes allow for energy transfers which are important in both living and non – living systems. Chemical reactions are explored in terms of how they are responsible for the creation of useful products. Experiments are conducted involving acid/base and combustion reactions. Assessments will include practical investigations, analysis of data and tests. At least four homework tasks must be completed.

Unit Title: **Energy In Our World** Code: SS92 Year Level: 9/10

NOTE: This subject is run in both semesters

Learning Area: Science: Physical and Earth Sciences

Capability: Critical and Creative Thinking

****This course is a compulsory elective to be completed at Year 9 or Year 10**

Course Description: Energy In Our World looks at how electric circuits can be designed for diverse purposes. Students investigate the concepts of voltage, current and magnetism and apply this knowledge to explain how a motor works. The Laws of Physics are used to describe and explain the motion of objects, the interaction of forces and the exchange of energy. The Earth Science component of this course starts with explaining the 'Big Bang' and exploring the components of the Universe including galaxies, stars and the solar system. Students then focus on issues on a global scale by exploring the atmosphere, biosphere, hydrosphere and lithosphere. Assessments will include practical investigations, analysis of data and tests. At least four homework tasks must be completed.

Elective Units

Unit Title: **Simple Machines** Code: PH83 Year Level: 8/9

Learning Area: Science: Physical Sciences
Capability: Critical and Creative Thinking

Course Description: Students will discover the inner working of a small engine and the uses of simple machines. One term of study consists of analysing simple machines used to make work easier - levers, pulleys, inclined planes, wedges and screws. Calculations of work done, force used, gearing ratios and torque are included. The emphasis is on understanding principles of operation and safe workshop practices. Students are expected to keep a journal (workbook) of their activities and complete a test on simple machines. They will create a project on gears and gearing and conduct their own practical investigation on levers or a mechanical gadget (e.g. a household appliance) - writing a report on their findings. At least four homework tasks must be completed.

Unit Title: **Making and Breaking** Code: SC83 Year Level: 8/9

Learning Area: Science: Physical and Chemical Sciences
Capability: Critical and Creative Thinking

Course Description: This unit involves extensive practical work in both the making and development of products and the testing of their characteristics such as breaking strain, bond strength, and response to heat. The scientific investigations will occur through a series of comprehensive projects spanning several weeks. Students will dive deep into the scientific process, meticulously planning and conducting practical investigations. They will analyse their data, evaluating and discussing their findings. For each project, they will communicate their scientific ideas, findings, and solutions through various formats. At least four homework tasks must be completed.

Unit Title: **Environmental Engineering** Code: SC96 Year Level: 9/10

Learning Area: Science:
Capability: Critical and Creative Thinking

Course Description: This unit combines aspects of Chemistry and Biology to explore contemporary science issues. During the semester, students will investigate how the Earth's systems are connected and apply a systems perspective to the physical requirements for life. The ways in which pollution can best be managed will be studied through global, national, and local perspectives. How biodiversity and development can be sustained will be investigated with a focus on environmental management and sustainability principles. Determining how impacts of human energy use can be reduced includes the examination of the use of different forms of energy by different societies. Assessments will include a research project, practical investigations, assignments, four homework tasks, and tests. At least four homework tasks must be completed.

Unit Title: **Forensics and Psychology** Code: SC94 Year Level: 9/10

Learning Area: Science:
Capability: Critical and Creative Thinking

Course Description: This unit is an introduction to forensic science including what it is, collecting evidence, the forensic laboratory and the crime scene. Forensic testing on contact traces includes: drugs, hair, fibre analysis, pesticides, body fluids and tissues, microscopic analysis, product tampering, fingerprinting, documentation (forgery) and DNA analysis. Instrumentation techniques in forensic science include chromatography, microscopes and instrumental analysis. Forensic psychology, personality types, human behaviour will also be studied. There will be an emphasis on scientific technique and the problems encountered with scientific evidence – how the accuracy of results depends on the method of evidence collection and the care taken during analysis to avoid contamination. Assessments will include research, practical investigations, poster work and tests. At least four homework tasks are also part of the course. At least four homework tasks must be completed.

Unit Title: **Home Workshop** Code: TM07 Year Level: 9/10

Learning Area: Design, Creativity and Technology (DCT)

Capability: Personal and Social

Course Description: In this unit, students will explore key skills and concepts associated with automotive maintenance plus building and construction. They will learn about road and vehicle safety and will have the opportunity to develop skills with basic car upkeep. There will be many practical aspects as well as theoretical components in this subject. Assessments may include tests, research tasks as well as finished products. Students are expected to complete two homework tasks per term.

Unit Title: **Building your own Guitar** Code: TM08 Year Level: 9/10

Learning Area: Design, Creativity and Technology (DCT)

Capability: Personal and Social

Course Description: Students will have the opportunity to build their own electric guitar from set kits. After receiving these kits, students will have to design their own head stock, solder pickups and switches, set up, design and paint their guitar. There are a small number of smaller side projects also to complete, including making your own guitar lead. In the end, students should come out with a custom, hand made electric guitar that they will be proud of. Students are expected to complete two homework tasks per term.

*Special Requirement: Includes materials and equipment that is provided to all students. Students have the opportunity to purchase a guitar kit from a third party (through the school). This opportunity costs \$150.00. For further information please contact the teacher in charge.

FOOD

Study of this material is offered from Year 7 to Year 12. Students use a wide range of foods to produce complete meals or individual products which are taken home to share with the family. More complex skills and processes are developed and used as student's progress through the levels. At all levels, students are required to follow the technology process, by completing research/investigation tasks and to gain an understanding of theory related to food use and then evaluate their products.

Unit Title: **Cooking for Two** Code: TF03 Year Level: 8/9

Learning Area: Design and Technology, Food Specialisation

Capability: Personal and Social

*Special Requirement: A large (at least 4 litre) food grade container is required for each practical session.

Course Description: This unit requires little previous practical experience with the aim of improving the existing skills of the students. Students will learn how to cater for two people in a variety of situations, ranging from breakfasts to dinners, food on a budget and quick and easy meals. A variety of ingredients and food preparation techniques will be used. Students will complete and be assessed on a number of tasks that require them to investigate and plan, produce and then evaluate their work. They will complete four homework tasks during the semester.

Unit Title: **Food for Life** Code: TF06 Year Level: 9/10

Learning Area: Food Technology
Capability: Personal and Social

*Special Requirement: A large (at least 4 litre) food grade container is required for each practical session.

Course Description: In this unit students will become aware of the different dietary needs of people as they progress through their life cycle. Additionally, they will learn how to cater for the different nutritional requirements. Topics covered include a more detailed approach to food models, as a means of selecting appropriate foods for children, adolescents, adults, and the elderly. Students will also examine different health concerns and dietary requirements. An analysis of social, ethical and sustainable factors that impact food design, especially in relation to sugar, will be undertaken. During the semester, they will complete four homework tasks and an investigation on factors affecting food consumption.

Unit Title: **Focus on Food** Code: TF10 Year Level: 8/9

Learning Area: Food Technology
Capability: Personal and Social

*Special Requirement: A large (at least 4 litre) food grade container is required for each practical session.

Course Description: This unit introduces students to Design and Technology – Food Specialisation. Why we choose particular foods, meal planning and influences on food choice in Australia. Students will investigate multicultural influences on our food, as well as bush tucker and vegetarianism. Marketing, advertising and packaging complete this unit and its Focus on Food. Students will complete and be assessed on a number of tasks that require them to investigate and plan, produce and then evaluate their work. They will complete four homework tasks during the semester.

Unit Title: **Fabulous Fast Food** Code: TF07 Year Level: 9/10

Learning Area: Food Technology
Capability: Personal and Social

*Special Requirement: A large (at least 4 litre) food grade container is required for each practical session.

Course Description: This unit focusses on the Design Process – investigate, design, produce and evaluate. Students will be involved in investigating and planning products to make. Topics to be covered will include adolescent nutritional needs and intakes, modern food ingredients, processed foods and making nutritious home-made fast foods. Students will complete and be assessed on a number of (minimum 2) tasks that require them to investigate and plan, produce and then evaluate their work. They will complete three homework tasks during the semester and complete an investigation on factors affecting food consumption, identifying health risks and strategies or services that could be used to support people with these health risks. Students are expected to complete two homework tasks per term.

TEXTILES

Students explore the social and environmental implications of using various materials. Students recognise that the supply of some materials is limited, and examine possibilities for reusing the recycling materials. At more advanced levels, students explore a range of factors that affect product design and technological innovation, including function, aesthetics, social, environmental and economic factors. Practical work is carried out after students have prepared a detailed design proposal and completed a procedural plan. Work is evaluated when it is completed. Students use a range of increasingly sophisticated tools and equipment and learn how to maintain this equipment.

Unit Title: **Dramatic Designs** Code: TT03 Year Level: 8/9/10

Domains: Design and Technology, Creating designed solutions

Capability: Personal and Social

Course Description: In this unit students will be introduced to the basic principles of design and begin using more advanced fabric embellishment techniques, e.g. beading and trims, to create simple but dramatic costumes for theatre, fancy dress parties or evening wear. Students will investigate the use of costume design in the theatre and on the red carpet. Students will complete samples of various construction techniques and processes and will maintain a folio of design ideas. They will complete four homework tasks during the semester.

**Special requirement: Students may be required to purchase fabric and a pattern.

Unit Title: **Sew Sensational** Code: TT10 Year Level: 8/9/10

Domains: Design and Technology, Creating designed solutions

Capability: Personal and Social

Course Description: In this unit students will learn and develop their basic sewing skills. Students will begin to use commercial patterns and learn various decorative techniques and investigate textiles in traditional culture. Students will be required to apply these techniques to construct a decorated book cover and tote bag during the semester. As a work requirement of this unit, a weekly journal will be kept and a folio of production work will be maintained. They will complete four homework tasks during the semester.

**Special requirement: Students may be required to purchase fabric.

DIGITAL TECHNOLOGY

Students work on a range of topics and use many computer skills across a variety of software. Students may use word processing, spreadsheets, databases and desktop publishing, to produce various outputs and documents as part of projects in each unit.

Unit Title: **Jounalism in Practice** Code: JO03 Year Level: 9/10

Learning Area: Information and Communication Technology (ICT)
Capability: The Arts: Visual Communication

Course Description: This course allows students to enhance their graphics, English and ICT skills. Students will be involved in the publication of newsletters with topics such as school news, movie reviews, gossip and interviews. Students will team various reporting and publishing styles for the print and electronic media. Students will be required to meet regular publishing deadlines throughout the semester. They will work in teams, design and create layouts and produce written pieces for publications. Each piece will be assessed individually not as part of a team. They will complete four homework tasks during the semester.

****Special requirement: Students will need a memory stick and print credits.**

Unit Title: **World Wide Communications** Code: IT08 Year Level: 9/10

Learning Area: Information and Communication Technology (ICT)
Capability: Ethical

Course Description: This unit is a hands-on course examining the skills and applications necessary to produce professional quality online publications. Students will use the HTML computing language to create an educational, personal web page. Students will learn how to scan images and photos, retrieve and edit images from the internet, formulate data into tables and lists and incorporate these into their publications. They will look at the advantages of global communication through the internet and impacts of social media on society. They will study computer networks and the threats to network security. Students will be assessed on each component of the course. They will complete four homework tasks during the semester.

****Special requirement: Students will require printing credits at all times throughout the unit. Students without print credit will find many components of this subject very difficult. A memory stick is also essential.**

VISUAL COMMUNICATION DESIGN

Visual Communication Design conveys ideas and information to an audience through visual language. Students develop conceptual and aesthetic understandings about design solutions in the world around them. The ideation and visualisation of ideas and observational drawing are the basis for researching and developing visual communication designs. Design thinking which involves the application of creative, critical and reflective techniques, is fundamental to learning in Visual Communication Design. Students learn about design, and the role of the visual communication designer and their contribution to society.

Unit Title: **Photosthography and Design** Code: VC18 Year Level: 8/9

Learning Area: The Arts: Visual Communication Design
Capability: Personal and Social

Course Description: Learn how to use a Digital SLR Camera to take professional photographs, then explore how to edit your photographs using industry standard software, Adobe Photoshop. Learn the three components of photography and how to use a digital SLR camera to gain your camera license. Discover how current technology was developed and where photographic technology is going in the future. Explore digital technologies with an introduction to Adobe Photoshop and its tools to manipulate photographs and create a range of digital imagery. Students will complete four homework tasks during the semester.

Unit Title: **Illustration and Design** Code: VC16 Year Level: 9/10

Learning Area: The Arts: Visual Communication Design
Capability: Personal and Social

Course Description: Illustration is a widely used skill in the visual communication world, used in advertising, children's books, poster design, and the music world to name a few. Develop skills in rendering and use a variety of materials and media to create both 2D shapes and 3D forms. Analyse Illustration skills and develop the techniques required to create visual communication pieces through freehand and digital illustration. Respond to different design problems to develop a folio of finished works and a visual diary visualising the design process and developing various illustration techniques. Students will complete four homework tasks during the semester.

Unit Title: **Into the Future** Code: VC21 Year Level: 8/9

Learning Area: The Arts: Visual Communication Design
Capability: Personal and Social

Course Description: Concept designers create exciting futuristic designs that are not yet available. Become a concept designer and explore the world of product design to create a range of product solutions suited for future problems. Investigate designers and designs from the past, present and into the future to understand the design process. Research skills, a vivid imagination and the design process will be developed to take your designs beyond the 21st Century. A range of methods, media and materials will be used to create 2D and 3D images and finished presentations. Students will complete four homework tasks during the semester.

Unit Title: **Out of the Box** Code: VC22 Year Level: 9/10

Learning Area: The Arts: Visual Communication Design
Capability: Personal and Social

Course Description: Learn about the world of packaging and how it impacts us every day. Learn skills in industry standard print design to apply to packaging. Discover how current technology impacts the many aspects of packaging and how packaging standards are applied to various industry and their products. Explore digital technologies with an introduction to Adobe Illustrator and InDesign to create a range of packaging solutions to consumer problems that are 'out of the box'. Students will complete four homework tasks during the semester.

VISUAL ART

People have always made art. It satisfies a human need to communicate experience, knowledge and ideas through aesthetic visual symbols. Long before they know what art is, or have even heard of the word, young children express themselves artistically in a free and natural way.

Art involves the making of an artistic product, the employment of artistic processes and learning through experience. Art contributes to the development of a positive self-image, provides cultural knowledge and understanding, and emphasises the importance of individuals.

Unit Title: **Further Ceramics** Code: AT03 Year Level: 8/9

Learning Area: The Arts: Visual Arts
Capability: Critical and Creative Thinking

Course Description: If you like to get your hands dirty and you like working in 3D you will enjoy the skills involved in this course. Further Ceramics will investigate a variety of construction techniques and various surface treatments using the media of clay. 3 major pieces will be designed and constructed during the course, using coil, slab and moulding methods. Glazing, oxides and slips will also be used. Students will be expected to make design sketches and record ideas and inspiration from the various sources in their Visual Process Diary. Historical and contemporary ceramic art will be studied in support of the practical aspects of this course. Design strategies and folio process are also practiced. Students will be required to submit two pieces of homework each term. Students will record the process of making the ceramic items in their VPD and do a self-evaluation of their learning at the completion of each practical piece.

Unit Title: **Print Making** Code: AT07 Year Level: 8/9

Learning Area: The Arts: Visual Arts
Capability: Critical and Creative Thinking

Course Description: This unit offers students a great opportunity to explore a range of printmaking materials, techniques and processes. Contemporary and historical prints will be examined and Information Technology will play a role as a component of the coursework. During this semester students will compile a folio as they learn how to make a screen print, a linocut, an etching, and a mono print. Research and art appreciation projects, undertaken on a weekly basis, will add to their knowledge of printmaking helping them to appreciate and develop their own ideas. Students will be required to maintain a workbook including their ideas, designs and technical information as well as complete and submit four sets of

homework.

Unit Title: **The Power of Paint** Code: AT31 Year Level: 9/10

Learning Area: The Arts: Visual Arts
Capability: Critical and Creative Thinking

Course Description: A course designed to prepare students for senior years of study exposing them to foundational concepts and practise used in studio art studies. This course will explore the changes in art over several periods of history. Students will discover how knowledge in areas of science and technology as well as social practices and attitudes affected art making. In this unit student will practice painting techniques with acrylic paints. They will learn techniques such as using washes, glazing, and various special effect mediums. Students will also do extensive work on colour mixing and designing a composition. Students will take inspiration from the historical artists studied and produce one large, fabulous, breath taking, mind blowing, amazing painting on canvas that will bring you joy in your home for years. You might be living with the next Picasso! A Visual Process Diary will record student's written work and idea generation as well as sample techniques in the lead up to the major work. Students will complete four homework tasks during the semester.

Unit Title: **Drawing for a Purpose** Code: AT14 Year Level: 9/10

Learning Area: The Arts: Visual Arts
Capability: Critical and Creative Thinking

Course Description: Drawing is known to improve memory, creativity, and communication skills, problem-solving ability, fine motor skills, increases emotional intelligence and increases brain connectivity and plasticity, relieve stress and is a great form of relaxation. In short it is good for everyone to do. Through drawing tasks students will exercise reason, logic, imagination and innovation. Concept formation is developed through comparing and contrasting an object or concept. Through a process of concrete and abstract metacognitive exercises intellectual flexibility will be encouraged. Drawing with a variety of media students will identify, explore and clarify visual information. Drawing tasks aim to generate innovative ideas and possibilities. Drawing will also be exercised as a tool for reflecting on thinking and process. Drawing will be discovered as a method of synthesising visual information. Perspective drawing and anamorphic techniques will be investigated. Strategies learnt in this unit will support VCE level students to increase folio sophistication. This unit has a lot of variety and surprising activities to stimulate creativity. Homework tasks each term will be drawings and an investigation of a celebrated drawing from history. Students will complete four homework tasks during the semester.

PERFORMING ARTS

The Performing Arts use the creativity and imagination of students to communicate with and entertain an audience. Students can learn drama, dance, music, theatre studies and media skills. Performing Arts is a fun and creative way to improve all communication skills and develop self-confidence.

Unit Title: **All the World's a Stage** Code: DR03 Year Level: 8/9/10

Learning Area: The Arts: Drama
Capability: Personal and Social

Course Description: The main outcome for this unit is to have every student perform on stage in a production for a live audience made up of the school and wider community. Students will develop skills in character development, improvisation, movement and voice, and develop an understanding of theatrical conventions. Students will rehearse for the performance. This may involve out of hours and lunchtime rehearsals and activities in lieu of homework tasks. Students will be expected to complete a research task based on the genre of the selected production, participate in all group activities, and learn lines and directions for their individual parts in the production. Students will reflect on and evaluate their own performances and class work at the end of the semester. This unit will be useful for Middle School students interested in studying Drama at VCE level.

****Special Requirement:** Students will need to be available for at least two performances held during the evening. Dates will be set at the start of the semester.

Unit Title: **General Music** Code: MU07 Year Level: 8/ 9/10

Learning Area: The Arts: Music
Capability: Personal and Social

Course Description: In General Music, students develop a core understanding of the principles of music language in order to give them a solid foundation theoretical understanding of music. In order to achieve this goal, students learn the essential conventions of music notation by studying basic pitches and rhythms. Students also learn how to analyse various music styles and compose their own pieces using music technology. They perform on an array of pitched and unpitched percussion instruments in groups and learn specific solos to enhance their understanding of theoretical concepts. In addition, students also learn about music from different cultures and eras in order to extend their appreciation of music. Students will complete four homework tasks during the semester.

Unit Title: **Let's Dance** Code: DA02 Year Level: 8/9/10

Learning Area: The Arts: Dance
Capability: Personal and Social

Course Description: This unit introduces students to a variety of different dance styles. Students will create a number of dances in small groups as well perform as a large group. Students will also be taught set moves for Modern, Latin and Hip Hop. Students will be assessed on their ability to learn, rehearse and perform different dance styles. Written assessment will include tasks relating to safe dance practise, an evaluation of the dances learned and short question and answer exercises. This unit will be useful for students interested in VCE Dance. Students will complete four homework tasks during the semester.

****Special requirement:** Students must wear their sports uniform for all dance lessons, except when asked to wear a skirt and heels for Latin.

Unit Title: Making Movies Code: ME03 Year Level: 8/9/10

Learning Area: Media Arts
Capability: Critical and creative thinking

Course Description: This unit explores a variety of media forms and how they are used within the community. Students will examine the Australian film industry before reviewing a successful Australian movie. Students will then plan and create a number of short films which incorporate various film techniques. Advertising material will also be created for the films. Students have the opportunity to participate in various film competitions sponsored by Heywire, RACV, and/or ATOM.

Unit Title: **Fairytales to Entrails** Code: TS04 Year Level: 8/9/10

Learning Area: Drama
Capability: Personal and Social

Course Description: Students will focus on elements of stagecraft in this unit. This will include the use of make-up and costumes to create different characters, how to set a stage as well as experiment with sound and lighting techniques to create mood and atmosphere. Students will learn how to apply make-up to represent witches, warlocks, vampires, goths, accident victims (including using fake blood) to name just a few. After creating their characters, students will use costumes, sound and lighting for either a short film, a print ad or a theatrical posters. Students will complete a research assignment, investigative tasks as well as design and present their make-up and costume ideas. Students will complete four homework tasks during the semester.

****Special requirement:** Students will need to have a front buttoning shirt they can change into for practical classes as well as supply a towel, and something to remove make-up at the end of a lesson.

Unit Title: **Songwriting and Composing** Code: MU11 Year Level: 8/9/10

Learning Area: The Arts: Music
Capability: Personal and Social

Course Description: Songwriting and Composing focuses on vocal art, lyric and melody composition. In this subject, students sing in groups and if they wish, perform a solo vocal piece. They will enhance their vocal capabilities by practising vocal exercises to enhance tone and range and develop their ability to pitch notes within chords by studying chorales. Students also sing a cappella pieces from contemporary, classical and non-Western idioms as a vocal group. They learn about the principles of effective performance and rehearsal by participating in performance classes. Students will undertake song writing assignments to enhance their own lyric writing ability and study vocal music from different cultures and eras. It is recommended that students have a rudimentary knowledge of music notation in order to enrol in this subject. Students will complete four homework tasks during the semester.

ACCELERATION GUIDELINES FOR YEAR 10 STUDENTS

RATIONALE:

- To enable capable students to be academically challenged.

PURPOSE:

- To enhance the preparation of students for the VCE.
- To enable students to maximise their ATAR (Australian Tertiary Admissions Rank) scores.
- To provide an additional opportunity to extend and academically challenge students.

BROAD OUTLINES:

- Potential Senior School (Unit 1 and 2 or Unit 3 and 4) units suitable for acceleration have been made available on the Middle School blocking sheet.
- Students are required to apply in writing to accelerate into a Senior School.
- Students will have demonstrated sound work habits in all middle school classes.
- Year level and VCE Co-ordinators as well as subject teachers will be consulted and counsel students prior to permission being granted to accelerate.
- Monthly progress reviews will take place in Term 1. Parents will be notified if progress is unsatisfactory.
- Continuation of the programme is dependent upon successful completion of Unit 1.
- Students can only accelerate into **ONE** Year 11 course.

ISSUES TO CONSIDER:

- Does your child have the academic ability to not only cope with this level of work, but in fact do well?
- Does your child have the personal maturity and organisational skills necessary to handle the unit requirements?
- Does your child have well-developed written skills and an ability to conduct independent research which are a significant component of any VCE unit? Students wishing to participate in this program must have demonstrated these abilities to a significant degree in a broad range of subjects.
- There are significant advantages to both Humanities and Maths/Science oriented students in completing a unit 1/2 sequence in Year 10. Students may be able to follow this with the unit 3/4 sequence in Year 11. Completing a 3/4 sequence in Year 11 may enable the students to increase their ATAR score. This could enhance their chances of acceptance into their preferred university course.
- Year 10 students undertaking a VCE subject will do so in 2 middle school blocks. All VCE units run for 5 periods per week, this means students will not choose from one 3 period block of the middle school elective programme and a 2 period block of either Sport or PE.

VCE ACCELERATED UNITS OFFERED FOR 2024

VCE ART CREATIVE PRACTICE

Rationale

VCE Art Creative Practice introduces the role of art in contemporary and historical cultures and societies, and values the meaningful and unique impact of artists on the development of arts knowledge, tradition and experiences, both locally and globally. Students build an understanding of how artists, through their practice and the artworks they create, communicate personal experiences and ideas, and cultural values, beliefs and viewpoints. In this study, students view artworks and investigate the working practices of artists from different cultures and periods of time. Students are challenged to articulate their understanding of the meanings and messages contained within artworks and to examine the effects of artworks upon the viewers or audiences who experience them. Students learn to pose and solve problems, and work independently and collaboratively, to create and convey meaning through art making.

Throughout the study students have opportunities to construct knowledge and communicate personal interpretations by working as both artist and viewer or audience. In making artworks, students use their creativity to solve problems and experiment with visual language and expression. They create personal responses and meaning by applying diverse materials, techniques and art processes. Students develop skills in research, art history and critical theory to analyse, interpret and debate the ideas and issues that are raised by artworks and by artists in their practice.

Entry

There are no prerequisites for entry to Units 1, 2 and 3. Students must undertake Unit 3 prior to undertaking Unit 4.

Unit 1: Interpreting artworks and exploring the Creative Practice

Unit 2: Interpreting artworks and developing the Creative Practice

Unit 3: Investigation, ideas, artworks and the Creative Practice

Unit 4: Interpreting, resolving and presenting artworks and the Creative Practice

VCE CHEMISTRY

Rationale

VCE Chemistry enables students to examine a range of chemical, biochemical and geophysical phenomena through the exploration of the nature of chemicals and chemical processes. In undertaking this study, students apply chemical principles to explain and quantify the behaviour of matter, as well as undertake practical activities that involve the analysis and synthesis of a variety of materials.

In VCE Chemistry students develop a range of inquiry skills involving practical experimentation and research specific to the knowledge of the discipline, analytical skills including critical and creative thinking, and communication skills. Students use scientific and cognitive skills and understanding to analyse contemporary chemistry-related issues, and communicate their views from an informed position.

VCE Chemistry provides for continuing study pathways within the discipline and leads to a range of careers. Branches of chemistry include organic chemistry, inorganic chemistry, analytical chemistry, physical chemistry and biochemistry. In addition, chemistry is applied in many fields of endeavour including agriculture, bushfire research, dentistry, dietetics, education, engineering, environmental sciences, forensic science, forestry, horticulture, medicine, metallurgy, meteorology, pharmacy, sports science, toxicology, veterinary science and viticulture.

Entry

There are no prerequisites for entry to Units 1, 2 and 3. Students must undertake Unit 3 prior to undertaking Unit 4. Students entering Unit 3 without Units 1 and/or 2 may be required to undertake additional preparation as prescribed by their teacher. Units 1 to 4 are designed to a standard equivalent to the final two years of secondary education.

All VCE studies are benchmarked against comparable national and international curriculum.

Unit 1: How can the diversity of materials be explained?

Unit 2: How do chemical reactions shape the natural world?

Unit 3: How can design and innovation help to optimise chemical processes?

Unit 4: How are carbon-based compounds designed for purpose?

VCE DRAMA

Rationale

Students tell stories, explore ideas, make sense of their worlds and communicate meaning through the practice of performance-making. The study of drama introduces students to theories and processes for the creative development of new work and allows them to develop skills as creative and critical thinkers. Students develop an appreciation of drama as an art form through their work as solo and ensemble performers, and engagement with professional contemporary drama practice. They develop skills of communication, criticism, aesthetic understanding and aesthetic control.

VCE Drama equips students with knowledge, skills and confidence to communicate as individuals and collaboratively in a broad range of social, cultural and work-related contexts. The study of drama may provide pathways to training and tertiary study in acting, dramaturgy, theatre-making, script writing, communication and drama criticism.

Entry

There are no prerequisites for entry to Units 1, 2 and 3. Students must undertake Unit 3 prior to undertaking Unit 4.

Unit 1: Introducing performance styles

Unit 2: Australian identity

Unit 3: Devised ensemble performance

Unit 4: Devised solo performance

VCE HEALTH AND HUMAN DEVELOPMENT

Rationale

VCE Health and Human Development provides students with broad understandings of health and wellbeing that reach far beyond the individual. Students learn how important health and wellbeing is to themselves and to families, communities, nations and global society. Students explore the complex interplay of biological, sociocultural and environmental factors that support and improve health and wellbeing and those that put it at risk. The study provides opportunities for students to view health and wellbeing, and development, holistically – across the lifespan and the globe, and through a lens of social equity and justice.

VCE Health and Human Development offers students a range of pathways including further formal study in areas such as health promotion, community health research and policy development, humanitarian aid work, allied health practices, education, and the health profession.

Entry

There are no prerequisites for entry to Units 1, 2 and 3. Students must undertake Unit 3 prior to undertaking Unit 4.

Unit 3: Australia's health in a globalised world

Unit 4: Health and human development in a global context

VCE MATHEMATICAL METHODS

Rationale

This study is designed to provide access to worthwhile and challenging mathematical learning in a way which takes into account the interests, needs, dispositions and aspirations of a wide range of students, and introduces them to key aspects of the discipline and its applications. It is also designed to promote students' awareness of the importance of mathematics in everyday life in a technological society and globalised world, and to develop confidence and the disposition to make effective use of mathematical concepts, processes and skills in practical and theoretical contexts.

Entry

There are no prerequisites for entry to Units 1, 2 and 3; however, students undertaking Mathematical Methods Units 1 and 2 or Specialist Mathematics Units 1 and 2 are assumed to have a sound background in number, algebra, function, geometry, probability and statistics. Students must undertake Unit 3 and Unit 4 as a sequence. Units 1 to 4 are designed to a standard equivalent to the final two years of secondary education. All VCE studies are benchmarked against comparable national and international curriculum. Enrolment in Specialist Mathematics Units 3 and 4 assumes a current enrolment in, or previous completion of, Mathematical Methods Units 3 and 4.

Mathematical Methods Units 1–4 provide for the study of simple elementary functions, transformations and combinations of these functions, algebra, calculus, probability and statistics, and their applications in a variety of practical and theoretical contexts. They also provide background for further study in, for example, science, technology, engineering and mathematics (STEM), humanities, economics and medicine.

VCE PHYSICS

Rationale

Physics is a natural science based on observations, experiments, measurements and mathematical analysis with the purpose of finding quantitative explanations for phenomena occurring from the subatomic scale through to the planets, stellar systems and galaxies in the Universe. In undertaking this study, students develop their understanding of the roles of careful and systematic experimentation and modelling in the development of theories and laws. They undertake practical activities and apply physics principles to explain and quantify both natural and constructed phenomena. In VCE Physics students develop a range of inquiry skills involving practical experimentation and research, analytical skills including critical and creative thinking, and communication skills. Students use scientific and cognitive skills and understanding to analyse contemporary physics-related issues and to communicate their views from an informed position.

Entry

There are no prerequisites for entry to Units 1, 2 and 3. Students must undertake Unit 3 prior to undertaking Unit 4. Students entering Unit 3 without Units 1 and/or 2 may be required to undertake additional preparation as prescribed by their teacher.

Unit 1: How is energy useful to society?

Unit 2: How does physics help us to understand the world?

Unit 3: How do fields explain motion and electricity?

Unit 4: How have creative ideas and investigation revolutionised thinking in physics?

VCE PRODUCT DESIGN AND TECHNOLOGY

Rationale

Designers play an important part in our daily lives. They determine the form and function of the products we use. They transform ideas into drawings and plans for the creation and manufacture of useful products that fulfil human needs and wants. In recent history the use of resources to create an ever-increasing array of products has given designers an increased responsibility to think sustainably. Students develop an understanding of the consequences of product design choices. They develop the necessary skills to critically analyse existing products and to develop their own creative solutions.

VCE Product Design and Technology can provide a pathway to a range of related fields such as industrial, product, interior and exhibition design, engineering, and fashion, furniture, jewellery, textile and ceramic design at both professional and vocational levels.

Entry

There are no prerequisites for entry to Units 1, 2 and 3. Students must undertake Unit 3 prior to undertaking Unit 4

Unit 1: Design practices

Unit 2: Postive impacts for end users

Unit 3: Ethical product design and development

Unit 4: Production and evaluation of ethical designs

VCE PHYSICAL EDUCATION

Rationale

The study of VCE Physical Education enables students to integrate a contemporary understanding of the

theoretical underpinnings of performance and participation in physical activity with practical application.

Through engagement in physical activities, VCE Physical Education enables students to develop the knowledge

and skills required to critically evaluate influences that affect their own and others' performance and participation in physical activity. This study equips students with the appropriate knowledge and skills to plan,

develop and maintain their involvement in physical activity, sport and exercise across their lifespan and to

understand the physical, social, emotional and cognitive health benefits associated with being active.

Entry

There are no prerequisites for entry to Units 1, 2 and 3. Students must undertake Unit 3 prior to undertaking Unit 4.

Unit 1: The human body in motion

Unit 2: Physical activity, sport and society

Unit 3: Movement skills and energy for physical activity

Unit 4: Training to improve performance

VCE VET SPORT AND RECREATION Units 1 and 2

SIS30115 Certificate III in Sport and Recreation

Rationale

The VCE VET Sport and Recreation program is drawn from the SIS Sport, Fitness and Recreation Training Package and provides students with the opportunity to acquire and develop the skills, knowledge and confidence to work in the areas of sport and outdoor recreation. Leadership, organisational and specialist activity skills will be developed through the units of competency undertaken in the selected program.

SIS30115 Certificate III in Sport and Recreation provides students with the skills and knowledge to work in the Sport and Recreation industry. Units 3 and 4 offers scored assessment and includes core units such as conduct basic warm-up and cool-down programs, plan and conduct programs, risk assessment, and control and knowledge of coaching practices. Possible job outcomes for a student with this qualification may include the provision of sport and recreation programs, grounds and facilities maintenance and working in the service industry in locations such as a fitness centre, outdoor sporting ground or aquatic centres.

Program Structure

The VCE VET Sport and Recreation program offers Units 3 and 4 from SIS30115 Certificate III in Sport and Recreation.

The Program consists of:

Units 1 and 2: nine compulsory units, including HLTAID003.

Units 3 and 4: six compulsory units.

On successful completion of all Units 1, 2, 3 and 4, students are eligible for:

- the award of SIS30115 Certificate III in Sport and Recreation
- recognition of up to three units at Units 1 and 2 level and a Units 3 and 4 sequence.

VCE VET Units 3-4 offers scored assessment and include core units such as conduct basic warm-up and cool-down programs, plan and conduct sport and recreation sessions and undertake a risk analysis of activities. Students also undertake electives drawn from the Aquatics, Fitness, Sport and Outdoor Recreation streams.

VCE - Vocational Major

The VCE VET Sport and Recreation program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

Entry

There are no prerequisites for entry to VCE VET Sport and Recreation.

Note: The Units 3 and 4 sequence of SIS30115 Certificate III in Sport and Recreation is not designed as a stand-alone study. Students are strongly advised against undertaking the Units 3 and 4 sequence without first completing Units 1 and 2.

VET (VOCATIONAL EDUCATION & TRAINING)

Vocational Education and Training (VET) subjects are an important part of the senior pathways program and may provide students with a pathway into an apprenticeship. Units from Nationally recognised training packages are completed at certificate II level or above and contribute to satisfactory completion of units towards VCE or VCE - Vocational Major. Please see course information for more details on VET subjects offered internally at the College (pages 42). The following information relates to additional ways to access VET subjects which are not offered directly at the College.

VET THROUGH EXTERNAL PROVIDERS

External education providers allow students to undertake a VET course as a subject of study and complete work placement as part of the program. Costs will vary considerably depending on the course selected and can range from \$1,000 upwards per year. The school (via the Department of Education) will contribute to the course fees, however there may be additional costs for texts, resources, and materials fees for individual VET studies. Enrolment for VET through external education providers is usually completed during late Term 3 and early Term 4, in consultation with the VET Coordinator, Year Level Coordinator and VCE/VM Coordinator. Parents and students should be aware that once an enrolment is made in an external VET course, a subsequent withdrawal from the studies may lead to the recovery of course fees already expended by the school at the time of enrolment confirmation.

Wodonga TAFE – Friday VET classes

Wodonga TAFE have advised the following courses will be available for student enrolments (subject to minimum and maximum student numbers). These courses would be delivered on Friday, onsite at Wodonga TAFE between 9.30am to 2.30pm (TBC). The College is working to provide access to subsidised return transport between the College and Wodonga TAFE each Friday to support students who would like to pursue any of the following VET course opportunities. Students will need to complete an application process and enrolment is not guaranteed.

Course Code	Certificate	Pathway	Pathway 3/4
22338VIC	Certificate II in Building and Construction Pre-apprenticeship (partial completion)	Building and Construction	Yes
22499VIC	Certificate II in Electrotechnology (Pre-vocational)	Building and Construction	Yes
22569VIC	Certificate II in Plumbing (Pre-apprenticeship)	Building and Construction	Yes
CHC30121	Certificate III in Early Childhood Education and Care (partial completion)	Community Services and Early Childhood Education	Yes
SIT20322	Certificate II in Hospitality	Hospitality	Yes
SIT20421	Certificate II in Cookery	Hospitality	Yes
BSB30120	Certificate III in Business (*Blended / Distance and in school)	Business	Yes
AUR20720	Certificate II in Automotive Vocational Preparation	Automotive	Yes
SHB20216	Certificate II in Salon Assistant	Hair and Beauty	No

MOUNT BEAUTY SECONDARY COLLEGE
MIDDLE SCHOOL HANDBOOK 2024