



2024 Year 9 Subject Information

More than you imagine

CONTENTS

Overview	3
Advanced Learning Programs	4
Compulsory Subjects	
English	5
Mathematics	5
Science	6
Health and Physical Education	6
Humanities	7
Connect	8
Art Electives	
Art	9
Drama	9
Media and Visual Communication	10
Music	10
Photography	10
Technology Electives	
Cultural Foods	11
Digital Technologies	11
Small Engines	11
Energy Breakthrough (semester 2 only)	12
What's Cooking?	12
Retro Fashion	13
Woodwork	13
Other Electives	
Ag and Hort	14
Creative Writing	14
Forensic Science	14
Health and Human Development	15
Languages (Indonesian)	15
Marine Science	16
Psychology	16
Sport Science	17
Surf and Turf	17
Example of Subject Selection form	18

Cover image created by students in Year 10 Photography & Media

OVERVIEW

Year 9 is the first year in which students have more choice in the direction that their education takes.

This is a chance for students to take ownership of their educational pathway. This ownership comes in the form of choosing elective subjects. Our electives cover a broad range of different curriculum areas and cater to a wide variety of different interests and learning skills. Choosing electives is an opportunity for students to follow their interests and increase their future opportunities. Our electives have been designed to meet the needs of Year 9 students at Maffra Secondary College.

Students are encouraged to investigate areas of study that they may not have encountered before or choose subjects to further their knowledge, skills and attitudes.

Advice on choosing your electives:

DO:

- ✓ Choose what you like
- ✓ Choose what you are good at
- ✓ Choose what will help you move towards your chosen pathway or career
- ✓ Research and read about all the options before choosing electives

DON'T

- X Just pick subjects based on the teacher
- X Select subjects based on what your friends are doing
- X Select subjects based on what you 'think' they are like – read about them!

ADVICE FOR PARENTS/GUARDIANS:

- Talk to your child about what their interests are
- Find out what they would like to do in the future
- Let them know that full-time jobs for 17 year olds are increasingly rare. The key to their future is in good education, good training and developing skills and attitudes that employers want and are prepared to pay for. Employers are increasingly wanting students who have a year 12 level education, or a TAFE / university qualification. Apprenticeships are more difficult to come by, and employers want young people with maturity and skills
- Check that your child is choosing subjects for the right reasons.
- Try to encourage a variety in their choices – this will allow more choice in Year 10
- If in doubt about your child's choices, please contact the school to make an appointment to see the Careers Team.

Key Dates and Deadlines

- Handbook in Week One, Term Three for Year 8 students and families to read prior to the Careers Expo
- Information discussed at the MSC Careers Expo (6:00pm Wednesday 19th July – all students expected)
- **Initial preferences submitted online between Friday 21st July – Friday 28th July**
- High-cost electives (>\$50) must be paid by **Friday 15th September (End of term 3)** to secure a place in the elective. Otherwise, students will be offered places in other electives with no fees.

PLEASE NOTE – STUDENTS MUST SELECT THEIR SUBJECTS ONLINE –

NO PAPER COPIES WILL BE ACCEPTED

Advanced Learning Program Information – Year 10 (in 2025)

Accelerated program - VCE

Students at Year 9 will be invited to study a VCE subject in Year 10 (units 1 and 2) provided they have demonstrated the following:

- Regular timely submission of work in all classes (ascertained by semester reports)
- A minimum Victorian Curriculum level of 'at the level' in English AND a recommendation from their Year 9 English teacher that they have the required literacy skills to succeed at VCE
- A minimum Victorian Curriculum level of 'at the level' in the subject area they have chosen to undertake at VCE. If this subject is unavailable in Year 9 they must produce evidence of their skills in this area
- An average progress report score of at least 3.5, demonstrating the minimum required learning habits
- Exemplary attendance
- Special consideration may be granted depending on individual circumstances

Note: Subject priority will be given to students who are studying a full VCE load (Year 11/12 students)

Note: Only certain VCE subjects are available to be selected for the accelerated program (see senior school handbook).

More information is available regarding Year 10 and beyond in the Senior School Handbook.

COMPULSORY SUBJECTS

ENGLISH

English classes cover essential literacy skills, including reading, viewing and writing, speaking and listening. Students will have four periods a week to hone their English skills and develop their learning, preparing them for their senior years of schooling and beyond. These skills include analysing written and visual texts, presenting their own opinion in writing and in a speech and developing their creative writing abilities.

Literacy Skills include:

- Reading
- Viewing and Writing
- Speaking and Listening

Students will have the opportunity to participate in the annual overnight 'Writers Workshop' trip in Melbourne. This is **not compulsory** however the purpose of this excursion is for students to work with likeminded students and apply their Literacy skills in a range of different genres. This event will take place in **Semester two during August/September**.

MATHS

Year 9 Maths involves the study of key mathematics curriculum areas through the integration of key mathematics skills practise, using problem-solving skills and applying maths to real-world situations. Among other topics, students will learn how to graph linear relations and solve linear equations using tables of values, graphs and algebra. They will explore the use of measurement skills to find areas of composite shapes and the surface area of prisms and cylinders. They will use Pythagoras' Theorem and trigonometric ratios to solve real-world problems involving right-angled triangles. Throughout all topics students will be encouraged to approach and solve problems creatively, using critical thinking skills, technology and will learn to communicate their mathematical thinking. Students will complete an exam at the end of each semester.

Skills include:

- Algebraic solving skills
- Measurement skills and unit conversion
- Problem-solving skills
- Skills using mathematical technology
- Communicating mathematical thinking
- Sketching graphs and using Cartesian coordinates
- Representing data mathematically

SCIENCE

Year 9 Science involves the study of a variety of science-related issues and concepts through inquiry-based skills and thinking skills. In Year 9 Science, students consider the roles of the nervous and endocrine systems and investigate how neurotoxins and disease can cause these systems to malfunction. They predict how future applications of science and technology may affect people's lives. Students explore interactions between organisms and their environment and the flow of energy within ecosystems as part of a scientific investigation of the Maffra Wetlands. In Chemistry, students investigate the role of energy in chemical reactions and explore how atoms are rearranged to form new substances during chemical reactions. Students will also use the concepts of voltage and current to explain the operation of electric circuits. They explore the theory of plate tectonics to explain patterns of geological activity and continental movement.

Skills include:

- Developing questions and hypotheses
- Planning and conducting scientific investigations, including fieldwork
- Data collection and representation using technologies
- Analyse patterns and trends
- Evaluate methodologies and draw conclusions
- Communication of scientific ideas and concepts

HEALTH AND PHYSICAL EDUCATION

Health and Physical Education explores the benefits of participation in physical activity. A major theme throughout is 'being active for life', encouraging students to continue to participate in a variety of physical activities and understand the social, mental, physical and financial benefits of participation in physical activity. The physical activity component of the subject will focus on students' understanding of and meeting the National Physical Activity Guidelines, developing their fitness and understanding of a variety of fitness components through sports specific training. All students will participate in a wide variety of sports that are available across the life span (of varying intensity) and further development of motor skills in a range of sports. The health and wellbeing aspect of this class will not only complement the learning that occurs in practical sessions, but also on the health concerns that young Australians are faced with. The students will look at sexual health, building social relationships, harm minimisation and drug education.

Skills include:

- Persistence
- Resilience
- Collaboration
- Analysis and Evaluation

HUMANITIES

Humanities includes Civics and Citizenship, Economics and Business, Geography and History. In Civics and Citizenship, students learn about how political parties are formed and their role in Australia's system of government. They examine the influence of the media and how this can affect attitudes in the community. They also examine Australia's judicial system, focusing on how courts resolve disputes and create common law.

In Economics and Business, students investigate consumer and financial literacy; including entrepreneurship, economic indicators, the changing nature of work and specific Australian case studies to demonstrate Australia's performance on a global stage as well as local.

In Geography, students explore the distribution and characteristics of biomes as regions with distinctive climates, soils, vegetation, and productivity. They will also study human well-being with a focus on development, differences between regions based on access to resources, culture and socio-economic status, and mapping skills.

In History, students study the Industrial Revolution; focusing on how and why it began, the change in working and living conditions and the impact of the revolution on Australia. They also study the First World War; focusing on how it started, how Australia became involved, where it was fought and the impacts it still has today on Australian society.

CONNECT

Year 9 Connect involves students participating in a variety of activities to aid their interpersonal development, such as communication, teamwork, resilience, empathy and leadership. The program focuses on community engagement and connection, equity and social justice, social and emotional wellbeing, and study skills to support the increased academic demands of the senior years. An exploration of future study and career pathways is also featured to promote goal-setting and long term thinking.

Each term encompasses a separate learning theme:

Term 1 – Health and Wellbeing

The focus in Term One will be on individual and collective health and wellbeing. This will be a robust program in which students will learn how physical and emotional health impacts on their lives and overall success. Students will learn emotional regulation skills and ways to recognise and manage their own feelings. Students will undertake learning from the 'respectful relationships' program, and will gain skills in effective communication with others, active listening, and other skills vital for building and maintaining strong relationships with others. Conflict resolution strategies will be explored, encouraging students to resolve conflicts peacefully and respectfully. Students will also learn about the impact of stereotypes, prejudices, and discrimination on relationships, promoting empathy and challenging biases. Overall, this program provides students with the foundation for building respectful relationships based on understanding, empathy, and inclusivity.

Term 2 – Careers

Through the Careers program in Term Two, Year 9 students will focus on the contribution that personal attributes and effective communication skills make to their future life and work roles. Students will participate in activities that highlight the skills needed to gain and maintain employment such as exploring online applications and creating resumes. Students will examine the changes that have taken place in labour markets and workplaces over time, and apply their knowledge to consider the nature of change on planning for their preferred future. Students will practice job interview skills and will make

connections with local industry through this program, which aims to provoke students in considering their future and where the senior years of schooling will take them.

Terms 3 and 4 – Community Learning Projects and Volunteering

Through the Community Learning Projects program, students will participate in a range of activities to learn about the importance of communities, issues that impact communities and how individuals and organisations can have a positive impact on their communities. Through their Community Learning Project (CLP), students will learn to identify, research, and analyse the root cause of community issues and design a solution to an issue of their choice. Students will develop skills in working collaboratively, communication, good questioning, justifying their decision making, and critically evaluating ideas and thinking processes.

Students will also undertake community-based volunteering in Semester Two. This promotes personal growth by fostering empathy, compassion, and a sense of social responsibility. Students will develop teamwork and leadership skills, enhance their communication abilities, and build self-confidence. Volunteering will allow the students to explore different areas of interest, gain exposure to diverse perspectives, and develop a greater understanding of societal issues, as well as building valuable links to their local community.

ELECTIVES

Electives are broken into 3 categories: Art, Technology and Other. To ensure a breadth of subjects, all students are required to select **one elective in each category**. Their fourth elective may be selected from any category.

Art Electives		Technology Electives		Other Electives	
Subject Name	Cost	Subject Name	Cost	Subject Name	Cost
Art	No Cost	Cultural Foods	\$150	Agriculture and Horticulture	\$50
Drama	\$50	Digital Technologies	No Cost	Creative Writing	No Cost
Media and Visual Communication	No Cost	Energy Breakthrough	\$340	Forensic Science	No Cost
Music	No cost	Retro Fashion	No Cost	Health and Human Development	No Cost
Photography	\$25	Small Engines	No Cost	Indonesian A – Holiday to Bali	No Cost
		What's Cooking	\$150	Indonesian B – Let's Party!	\$20
		Woodwork	\$70	Marine Science	\$57
				Psychology	No Cost
				Sport Science	No Cost
				Surf and Turf	\$120

Subject descriptions are below.

ART ELECTIVES

ART *No Cost*

Year 9 Art is unit where students create exciting art works using a variety of mediums. Students will explore printing techniques such as; etching, linoleum printing and screen printing. They will also investigate clay modelling and various painting and drawing methods. A range of styles and art movements will be explored through art making and art analysis. Art analysis assists students to understand how an artwork is made as well as giving them an insight into the creative decisions made by the artist.

Skills include:

- The Arts
- Personal development
- Research and analysis

DRAMA *Cost \$50 (performance excursion and workshop)*

Drama is a creative and challenging subject that tells stories, explores ideas, makes sense of the world and communicates meaning through performance. In Year 9 Drama, students will explore, research and experiment with the elements of drama to perform play scripts and build performances – including masked performances, improvisation, and clowning. They also will practise and refine their expressive capacity in voice and movement to communicate ideas and dramatic action and build their presentation skills.

Skills built in this course include:

- Expression
- Research
- Improvisation
- Contextual understanding
- Scripting
- Rehearsal
- Confidence
- Communication

Students will have the opportunity to attend a live theatre performance and workshop to expand their understanding of how dramatic elements, expressive skills and various stagecraft work together to create theatre as art.

MEDIA AND VISUAL COMMUNICATION *No Cost*

This is an exciting expressive unit based on creating artistic solutions to a range of media and design tasks. Students will use media codes and conventions to create their own films individually and collaboratively in groups, filming and editing techniques will be explored to facilitate this. Students will apply design skills to create a tribal tattoo and a logo and signage for a corporate airline and trucking company. Designs will incorporate the design process and include freehand drawings and computer-generated drawings using Illustrator, InDesign and Photoshop to complete the tasks.

Skills include:

- Filming and editing skills
- Design and drawing skills using Adobe Illustrator and Photoshop
- Construction skills – 3D
- Research and analysis of design

MUSIC *No Cost*

There are two aspects to this course: students will work on developing their music performance skills on a chosen instrument or voice, and will explore music's role in film. Students will develop skills on a chosen instrument as a group or individual, developing their rehearsal and performance skills. They will continue to develop their music theory and aural skills through a series of exercises and worksheets. Students will focus on Australian rock and film music. They complete research on Australian rock music and performers and work towards writing a rock song to a rock chord progression. Students will learn how music can enhance film and create a piece of music to a selection of short films.

Skills include:

- Music performance and composition
- Music production and technology
- Research and analysis
- Aural recognition and dictation

PHOTOGRAPHY - *Cost \$25 (excursion)*

Photography is an exciting unit based on photo-journalism to communicate news and stories through photography. Students will learn to apply these techniques and skills to the production of a series of photographs as well as the School Year Book in semester 2. Students will experiment with various forms of photographic techniques, with computer skills being taught in relation to layout, composition, design and image manipulation through Photoshop.

An excursion to Tarra-Bulga National Park will also allow students to apply learnt skills in the production of a photojournalism book documenting their experience. The purpose of the excursion is for students to apply their learnt skills to promoting Tarra-Bulga N.P. to the local community through promotional material that utilises the student's photography compositions following the given briefs. Semester One the excursion usually takes place early term 2, whilst in semester 2 the excursion takes place early term 4.

Skills include:

- Photography and camera essentials
- Use of Adobe Photoshop and Adobe InDesign
- Research and analysis of photographers

TECHNOLOGY ELECTIVES

CULTURAL FOODS *Cost \$150 (consumables)*

Australia has some amazing and diverse foods that we just love! We will explore that diverse range of cultures, ingredients, techniques, and dishes that make up contemporary Australian cuisine. Students will investigate and prepare foods from all over the world. Students will work in small teams learning about cultural traditions and celebrations of a country of their choice, then research recipes, to make in class, as part of a Design Brief & Folio. The semester culminates in a German favourite, the production of a small gingerbread house. Excursions take place to a supermarket/s to complete research, pricing, and international food availability.

Skills include:

- Food preparation and presentation
- Sensory analysis
- Investigation and analysis
- Design in response to a brief

DIGITAL TECHNOLOGIES *No Cost*

Digital Technologies is a unit based on problem solving skills. When analysing problems, students consider the functional and non-functional requirements of a solution by interacting with clients and regularly reviewing processes. They develop their design skills and their understanding of the user experience to incorporate a variety of user needs. Students develop solutions to complex problems using an object-oriented programming language where appropriate, and evaluate their solutions.

Students progressively become more skilled at identifying the steps involved in planning solutions and developing detailed plans. When creating solutions, both individually and collaboratively, and sharing them online, students comply with legal obligations, particularly with respect to the ownership of information.

Skills include:

- Problem solving skills – Analysis, Design, Development and Evaluation
- Collaboration skills
- Object-oriented programming skills

SMALL ENGINES *No Cost*

In small engines students learn the basics of how engines work, understanding how carburettors function, what each part of the engine does and how it functions. Students put this knowledge into practice by dismantling 2 stroke and 4 stroke engines. Students then apply their understanding of how engines work by collecting small engines from used products and making them run. Troubleshooting and problem-solving is a big part of the course. Students will also learn how different parts of cars function, giving them real-life practical skills around combustion engines; for example, disc and drum brakes, alternators and lubrication systems.

Skills include:

- Problem solving
- Practical thinking and hands-on engines experience
- Procedural literacy skills

ENERGY BREAKTHROUGH – *will only be offered in Semester 2*

Cost: \$340 (Class Materials, Maryborough Camp, Team shirt)

In this subject students will:

- Investigate and research the concepts of recumbent cycles as a means of transport.
- Plan and make a pedal vehicle, as a team activity.
- Compete in the Energy Breakthrough Challenge.
- Investigate mechanical principles, design processes, ergonomics, manufacturing techniques, emerging materials and aerodynamics.
- Develop drawing skills and graphic techniques to design a team logo, uniform and produce a collection of graphic presentations and promotional material.
- Gain sponsorship from community organisations.
- Plan and be involved in all race preparations which include fitness training, public speaking, and a compulsory presentation.

As a culmination of the program, students will undertake an excursion to Maryborough Victoria to compete in the Energy Breakthrough Challenge; a 24 hour endurance race for recumbent racing trikes. This excursion allows the students to put into practice all of the skills, knowledge, individual leadership and teamwork skills that they have acquired and is a true test of their learning.

Skills include:

- Team work
- Leadership
- Research, Investigation and Design
- Bicycle maintenance and repair
- Public speaking and group presentations

WHAT'S COOKING **Cost \$150 (Consumables)**

Students who like to cook and taste-test food love this class!

Students participating in this subject will learn delicious, and valuable life-skills in meal/food preparation including comparing a range of familiar homemade (at school) products to purchased, readily available versions of the food products. Comparisons include analysis and evaluation based on price, time, cooking techniques, nutritional value, and sensory appeal. They will also use the design process to choose a recipe/s to make in class and complete supermarket research to learn about pricing and marketing techniques used with popular products. We will explore some 'paddock to plate' techniques and food as well as a range of delicious basics and dietary alternatives.

Skills include:

- Food preparation and presentation
- Sensory analysis
- Investigation and analysis
- Design in response to a brief

Virtual and actual excursions to a range of supermarkets to complete research, pricing and investigate marketing strategies will be used.

RETRO FASHION

Cost: No cost (but there will be a trip to Spotlight to purchase material at student's own cost.)

What you will be doing:

- Learn how to make a textile product from new & recycled materials.
- Fashion drawing techniques
- Design folio production
- Investigation of fashion eras
- Production of personal design clothing reflecting your favourite era

Do you love designing and making your own clothes and accessories? Have you looked at clothes from other eras and wished you could meld good ideas together? Well, here's your opportunity. Through the study of fashion from other eras, students will investigate trends, styles and functions of clothing, then use the design process to create designs, produce and evaluate something for themselves, family or friends that they love. Students will develop associated techniques to bring elements of their favourite eras to life, addressing design issues and technology dilemmas along the way. They will then create their own fashion shoot, to show what they have been able to achieve.

Skills include:

- Hand and machine sewing skills
- Safe work practices
- Fashion Shoot Design and Production, to suit your created clothing and/or other elements.

WOODWORK

Cost: \$70 (for timber) there may be an additional material levy dependent on the size and timber type used in their model selection. Parents will be contacted in advance.

In woodwork you will use all aspects of the design process, to create your very own, personally designed, unique coffee table. Using a basic plan, you will have the opportunity to make design modifications to create your own style coffee table and then manufacture the product.

What you will be learning:

- Students will develop their production planning techniques related to material lists, costing, risk assessment and model assembly planning.
- Students will produce a single model for the semester made predominantly from timber.
- Students will develop their knowledge of timber construction by using a range of complex timber joints, fixings and finishing techniques.
- Students will learn about the properties of various timbers and timber related products.
- Students will evaluate their finished models, their work ethic and their own work-related skills.

Skills included:

- Hand and power tool use
- Awareness of safe workshop practices.
- Drawings techniques
- Production planning
- Joint development
- Evaluation of the model, production skills and techniques.

OTHER ELECTIVES

AGRICULTURE AND HORTICULTURE *Cost: \$50 (excursions)*

Ag and Hort will provide students with the opportunity to develop their knowledge and skills with the areas of agriculture and horticulture. Students will be provided with the opportunity to participate in a range of theory and practical classes that will develop their understanding of different farming practices. Students will take part in learning about the farming industry and complete a range of projects. This could include caring for dairy calves on loan from local farmers and growing different plants. Farmers and dairy industry professionals, such as vets, dairy company field officers, agronomists or cheesemakers, work with the students to teach them about different aspects of the dairy industry. Excursions to local farms will be involved in this unit.

Skills include:

- Knowledge and understanding of information, materials and farms systems
- Application of knowledge
- Practical expertise of students
- Investigating and analysing situations
- Communicating design ideas
- Planning, monitoring and managing resources.
- Participate in making their own cheese
- Evaluating products
- Participate in a calf rearing project

CREATIVE WRITING *No Cost*

In **Creative Writing**, students will write in a range of styles, including short stories, poetry, novellas, memoirs, songs and scripts. The subject will use a workshop model, in which students will share and give feedback on each other's writing. Students will also research and explore the publishing industry and avenues for publication.

Skills include:

- Writing imaginatively
- Creative and critical thinking
- Giving feedback
- Proofreading and editing at a professional standard

FORENSIC SCIENCE *No Cost*

Year 9 Forensic Science involves the application of the sciences (Biology, Physics, Chemistry and Psychology) to analyse and interpret evidence in order to investigate crimes. Students explore topics such as the history of forensic science, evidence collection and analysis, crime sciences and deductive reasoning. Students develop techniques used in Forensic Science to collect and analyse evidence such as, fingerprints, DNA, blood splatters, shoe prints, impressions, hairs and fibres. Students will also analyse the psychology of criminals through case studies and research and develop their own criminal profile of some of Australia's criminals. They develop questions and hypotheses that can be investigated using a range of inquiry skills, including the systematic collection of data, analysis of the data and the construction of evidence-based conclusions. They will also solve crime case studies using the skills that they have learnt and create their

own hypothetical crime scene for a group of Year 7's to solve.

Skills include:

- Developing questions and hypotheses
- Planning and conducting scientific investigations
- Data collection and representation using technologies
- Analyse patterns and trends
- Evaluate methodologies and draw conclusions
- Communication of scientific ideas and concepts

HEALTH AND HUMAN DEVELOPMENT *No Cost*

Through the study of Health and Human Development, students investigate health and human development in local, Australian and global communities. Health is a dynamic condition that is influenced by complex interrelationships between individuals and biomedical and behavioural factors, as well as physical and social environments. The study of Health and Human Development is based on the premise that health and human development needs to be promoted at an individual level, and within group and community settings at national and international levels, to maximise global development potential. Students will look at the dimensions of health and wellbeing and what needs to be done for optimal health before moving into community strategies. Following on from this students will look at the health of Australia and how we measure this before comparing to other countries with the same health status measurements being used in the analysis.

The study also promotes the understanding that nutrition plays a major role in influencing both health status and individual human development.

Skills include:

- Persistence
- Resilience
- Collaboration
- Analysis and Evaluation

LANGUAGES (Indonesian) A- Berlibur ke Bali (Holiday to Bali) *No Cost*

This semester-based elective provides an opportunity for students to continue their Indonesian studies focusing on travel related language. Students will develop their communication skills with a key focus on shopping, preparing for holidays and getting about. This will allow students to explore the culture and environment of Indonesia and understand the world and our place in it to become active participants in the global community.

Students will learn in English as well as Indonesian, becoming more active in their learning as they develop subject specific skills and investigate the answers to key questions about our past, present and future. There will be an opportunity for following areas of interest within these areas. There will be a greater focus on how more complex grammatical structures contribute to the meaning of language.

Skills include:

- Communicating in the target language in both oral and written forms
- Developing inter-cultural awareness
- Reflection and cognitive development

LANGUAGES (Indonesian) B- Ayo pesta! (Let's party!) Cost: \$20 (transport)

This semester-based elective allows for students to connect with local learners of Indonesian through peer support programs at local feeder primary Schools. Students will consider cultural ideas about relationships, celebrations, and respectful ways for interacting with others. Possible participation in cultural and celebration events will be developed with Sale College to connect and embrace our growing language abilities and networking opportunities.

Skills include:

- Communicating in the target language in both oral and written forms
- Developing inter-cultural awareness
- Collaboration and student led programs.

MARINE SCIENCE Cost: \$57 (excursion and pool sessions)

Year 9 Marine Science involves the study of marine and coastal ecosystems, the diversity of marine life and the environmental issues associated with marine environments. Students investigate how marine ecosystems consist of communities of interdependent organisms and abiotic components of the environment. They compare different types of marine and coastal ecosystems, understand their importance and identify the marine organisms that depend on these habitats. Students understand how marine organisms respond to changes in their environment, by studying the structure and function of a variety of marine organisms. They undertake a number of dissections and practical activities to investigate the structures that ensure survival of organisms and learn how these structures are used in scientific classification. Students explore a variety of environmental issues that impact marine ecosystems and identify management and conservation strategies used to protect marine and coastal ecosystems.

Students learn skills and safety precautions required for snorkelling.

An excursion to Cape Paterson will allow students to investigate a marine environment and apply the skills learnt in the classroom, as well as experience snorkelling in a marine environment. Multiple pool sessions are undertaken prior to the excursion for students to develop their snorkelling skills. Students are expected to attempt the swimming component. The excursion and swimming pool sessions are undertaken in Term 1.

Skills include:

- Developing questions and hypotheses
- Planning and conducting scientific investigations, including dissections
- Data collection and representation using technologies
- Analyse patterns and trends
- Evaluate methodologies and draw conclusions
- Communication of scientific ideas and concepts
- Snorkelling and safety in coastal environments

PSYCHOLOGY No Cost

Year 9 Psychology introduces students to psychology as a science. Students will be challenged to think critically as they investigate key case studies in the field of psychology. Students explore the history of psychology and psychological treatments, analyse the ethics of different studies, and observe how psychological beliefs and practices have changed over time. Students explore many different branches of psychology (including forensic, sports, and educational), and make links to future opportunities for study or careers in these fields. Students study the application of clinical psychology, personality and intelligence testing, mental illness, forensic psychology and visual perception. A large portion of the subject is dedicated to studies of the structure and function of the brain, understanding of the central nervous system and the

role of neurons. In this subject, students conduct research into the causes, symptoms and treatments of various brain disorders, undertake group work, practical activities and analysis of case studies.

Skills include:

- Developing questions and hypotheses
- Planning and conducting scientific investigation
- Data collection and representation using technologies
- Analyse patterns and trends
- Evaluate methodologies and draw conclusions
- Communication of scientific ideas and concepts

SPORT SCIENCE *No Cost:*

Sports Science is an introduction to VCE Physical Education aims to allow students to investigate how a range of factors effect sports performance. Through theory and practical application students will develop their understanding of the body and body systems and how these can aid performance. They also investigate a range of sport science factors and apply these to practical situations to enhance their understanding of how performance in sports can be improved.

Students will undertake study of Anatomy and some basic Physiology. They will also complete several labs throughout the semester in which they will study biomechanical principles. Following this they will complete units on fitness and technology in sport.

Skills Include:

- Research and analysis
- Fitness testing methods and analysis of performance

SURF AND TURF *Cost: \$120 (excursions for field work and expeditions)*

Surf and Turf is a study of the ways humans interact with and relate to natural environments. Natural environments are understood to include environments that have minimum influence from humans, but they may also include environments that have been subject to human intervention. Ultimately, the study is directed towards enabling students to make critically informed comments on questions of environmental sustainability and to understand the importance of environmental health, particularly in local contexts.

Skills include:

- Understanding of different environments
- Practical skills relating to different outdoor activities
- Research and analysis of the management of different environments and technology relating to the activities undertaken

YEAR 9 SUBJECT SELECTION 2024 – EXAMPLE ONLY

DO NOT SUBMIT A PAPER FORM (online subject selection only)

NAME _____

FORM GROUP _____

MY CURRENT STUDIES

My semester one Progress Report average score was: _____

My semester one Victorian Curriculum Levels for English were: R&V_____, S&L_____, W_____

My semester one Victorian Curriculum Levels for Maths were: M&G_____, N&A_____, S&P_____

CAREER INTERESTS

LEARNING GOALS for next year

A Year 9 program will consist of compulsory subjects English, Maths, Science, Health & PE, Connect, Humanities, and four elective subjects (two per semester).

Copies of this example form are on COMPASS

2024 SUBJECT CHOICES	
Select subjects in order of preference from 1 to 5	
ART ELECTIVES (preference) <i>You need to study one of these semester long units.</i>	
1.	
TECHNOLOGY ELECTIVES (preference) <i>You need to study one of these semester long units.</i>	
1.	
OTHER ELECTIVES (preference) <i>You need to study one of these semester long units.</i>	
1.	
OWN CHOICE ELECTIVE (preference) Choose from ANY category	
1.	
BACK UP ELECTIVES (preference 1-8) Choose from ANY category. Include at least ONE from each category.	
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

Year 9 Elective Subjects Offerings	
ART ELECTIVES	Cost
Art	No Cost
Drama	\$50
Media & Visual Communication	No Cost
Music	No Cost
Photography	\$25
TECHNOLOGY ELECTIVES	Cost
Cultural Foods	\$150
Digital Technologies	No Cost
Energy Breakthrough	\$340
What's Cooking?	\$150
Retro Fashion	No Cost
Small Engines	No Cost
Woodwork	\$70
OTHER ELECTIVES	Cost
Ag and Hort	\$50
Creative Writing	No Cost
Forensic Science	No Cost
Health and Human Development	No Cost
Indonesian A – Holiday to Bali	No Cost
Indonesian B – Let's Party	\$20
Marine Science	\$57
Psychology	No Cost
Sport Science	No Cost
Surf and Turf	\$120

