



# *2022 Year 9 Subject Information*

*More than you imagine*

## CONTENTS

<b>Overview</b> .....	3
<b>Advanced Notice: VCE in 2023</b> .....	4
<b>Compulsory Subjects</b> .....	5
English.....	5
Mathematics.....	6
Science.....	6
Health and Physical Education.....	7
Connect.....	8
Humanities.....	9
Languages (Indonesian).....	10
<b>Electives</b> .....	11
<b>Art Electives</b>	
Art.....	12
Drama.....	13
Media and Visual Communication.....	14
Music.....	15
Photography.....	16
<b>Technology Electives</b>	
Cultural Foods.....	17
Digital Technologies.....	18
Energy Breakthrough (semester 2 only).....	19
Excellent Foods.....	20
Retro Fashion.....	21
Woodwork.....	22
<b>Other Electives</b>	
Ag and Hort.....	23
Creative Writing.....	24
Forensic Science.....	25
Health and Human Development.....	26
Marine Science.....	27
Personal Best.....	28
Psychology.....	29
Sport Science.....	30
Surf and Turf.....	31
Example of Subject Selection form.....	32

## 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 Leader, Mrs Marie Clark. Alternatively, contact Ms Sue Clancy the Year Level Leader for more information.

### 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 21<sup>st</sup> July – all students expected)
- Initial preferences submitted **online** between **Friday 22<sup>nd</sup> July – Friday 29<sup>th</sup> July**
- High-cost electives (>\$50) must be paid by **Friday 17<sup>th</sup> September (End of term 3)** to secure a place in the elective.



## ADVANCED NOTICE: Changes to Senior Education Certificate in 2023

After extensive consultation and review, the VCAA have announced that from 2023, the current Victorian Certificate of Applied Learning (VCAL) will no longer exist as a separate Senior School Certificate / qualification. Instead, there will be a Victorian Certificate of Education which will offer both Vocational and Academic pathways. There will also be a 'Foundation Pathways' course designed for students who are not yet ready for the VCE or a TAFE course.

While there are still a number of decisions to be made by VCAA regarding the structure of the new, integrated certificate, the advice we have is that vocational pathways and opportunities including VET and structured work placement will be part of the VCE qualification, along with opportunities to study practical and theory-based VCE subjects.

We will continue to work with all students on an individual basis on their chosen pathway, to provide each student with the best opportunity to reach their goals and begin their career after secondary school.

## ADVANCED WARNING: School Requirements for entry to VCE in 2023 (for Year 9 students in 2022)

### 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:** 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 table of subjects to view these)

# 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 it 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

## CONNECT

Connect involves students participating in a variety of activities to aid their interpersonal development such as communication, teamwork, resilience, empathy for others and leadership. They work collaboratively with their classmates to learn strategies that develop their own resilience, build empowerment and challenge students. In Connect students also engage in Individual and Community based-projects. In 2022, students will elect to participate in one of the following streams:

- 1) **Duke of Edinburgh (DOE)** - The DOE's International Award is a non-competitive, internationally recognised program designed to encourage young people to develop positive skills and lifestyle habits. DOE is about personal challenge and development and is adaptable according to each participant's interests and abilities. The Award concept is one of individual challenge. By undertaking four core activities and working towards individual goals, participants are equipped and empowered to achieve their personal best, take ownership of their own goals and life choices and become actively engaged within their community and workforce.

Note: Students participate in an overnight journey

- 2) **Community Learning Projects** – students work in small groups to identify an issue within their community (school or wider community). They then work through the design process to develop a solution to their issue/s.
- 3) **Personal Challenge** - in semester one runs as a **passion project**. This is a project-based learning activity in which students research any topic they are passionate about and create a project to share with the class, the school, the community! The purpose of this class is for students to learn something new; something that you have always wanted to do. Maybe you have wanted to learn how to play a guitar, build a dog kennel, cook a gourmet meal, complete a family tree or even learn to make a movie. Personal Challenge encourages creativity in the classroom and promotes inquiry, perseverance, problem solving, and innovation, among other lifelong skills.

Personal Challenge in semester two runs as a **Physical Challenge** - a dynamic learning journey, as it is a physically and mentally challenging outdoor experience. This stream contains five distinct phases of Planning, Preparation, Experience, Celebration and Presentation. The major component is the physical /outdoor education experience.

### Costs:

- Duke of Edinburgh - \$172 for the registration fee and \$50 for the practise and qualifying overnight camps
- Personal Challenge – between \$0 and \$70 (dependent upon the challenge students complete)

## 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 globalisation and Australia as a trading nation. They will participate in hands on trading and currency exchange activities. As well as exploring national and global issues and how these can affect Australia's economy.

In Geography, students explore the distribution and characteristics of biomes as regions with distinctive climates, soils, vegetation and productivity. They will investigate land and resource management strategies used by Aboriginal or Torres Strait Islander peoples to achieve food security over time. Students will complete fieldwork as part of this unit and will produce a report on food security.

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 in both commemoration and removal of ordnance.

## LANGUAGES (*Indonesian*)

**Languages (Indonesian)** provides an opportunity for students to continue the language study into Year 9, combined with the study of Humanities. Students will develop their language skills with a classroom focus on communicative activities, alongside the study of Humanities, including Geography and Economics. These pursuits all allow students to explore and understand the world and our place in it and become active participants in the global community.

### **Skills include:**

- Communicating in the target language in both oral and written forms
- Developing inter-cultural awareness
- Research and analysis

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.

# ELECTIVES

Electives are broken into 3 categories. Art, Technology and Other. To ensure a breadth of subjects, you are required to complete **one elective in each category**. Your fourth elective can come from any category.

## ART

- Art
- Drama
- Media & Visual Communication
- Music
- Photography

## TECHNOLOGY

- Cultural Foods
- Digital Technologies
- Energy Breakthrough (2<sup>nd</sup> semester only)
- Excellent Foods
- Retro Fashion
- Woodwork

## OTHER

- Agriculture and Horticulture
- Creative Writing
- Forensic Science
- Health and Human Development
- Marine Science
- Personal Best
- Psychology
- Sport Science
- Surf and Turf

# ART ELECTIVES

## ART

**Cost** \$20

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** \$10

Drama is a creative and challenging class that tells stories, explores ideas, makes sense of the world and communicates meaning. After researching traditions and styles of drama, students will create their own plays. Through writing, rehearsing and refining their performances, students will build confidence. Resilience and perseverance layers with a dramatic aesthetic. Exploring acting and other stagecrafts students will collaborate to create pieces of theatre.

**Skills include:**

- Expressive Skills
- Researching
- Brainstorming
- Improvising
- Scripting
- Rehearsing
- Refining
- Building 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. There is a cost associated with this elective - Please refer to the elective charge sheet.

## **MEDIA AND VISUAL COMMUNICATION**

**Cost** \$15

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**

**Cost** \$50

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 includes 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

Wow! Look at all the great foods we have in Australia that have been brought in by people from other countries. We have such a diverse and exciting range of foods to choose from. In this study, students have the opportunity to investigate and prepare foods from all over the world. Students will work in teams to research recipes they can make in class, whilst learning about cultural traditions and celebrations, culminating in their own production of a gingerbread house.

Excursions will take place to a range of supermarkets to complete research, pricing and investigate marketing strategies and International food availability.

**Skills include:**

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

## DIGITAL TECHNOLOGIES

**Cost** \$0

**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

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

**Cost:** \$340 (Class Materials, Maryborough Excursion, 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

## **EXCELLENT FOODS**

**Cost** \$150

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

Students participating in this subject will learn valuable life-skills in meal/food preparation whilst comparing home-made to bought food products. They will make a range of familiar foods e.g. pizza, cheesecake, lasagne and sticky date pudding, and compare these to commercially produced products available to buy, analysing and evaluating the price, nutritional value and sensory appeal. They will use the design brief process to choose recipes to make in class and complete supermarket research to learn about pricing and marketing.

### **Skills include:**

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

Excursions to a range of supermarkets to complete research, pricing and investigate marketing strategies

## RETRO FASHION

**Cost:** \$30 plus a trip to Spotlight to purchase material at student's own cost. Parents will be contacted in advance.

What you will be doing:

- Learn how to make a textile product from new & recycled materials.
- Develop a design folio relevant to your major product.

## WOODWORK

**Cost:** \$70 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.

What you will be doing:

- Students will make design modifications to a basic coffee table plan and then manufacture the model.
- 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 number of more difficult timber joining, fixing and finishing techniques.
- Students will learn about the properties of various timbers and timber related products.
- Students will evaluate their finished models 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

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

**The ways in obtaining the above skills are through processes such as:**

- 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

**Cost:** \$132

In **Creative Writing**, you 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 you will share and give feedback on each other's writing. You will also research and explore the publishing industry and avenues for publication. The cost involved is to attend the Melbourne Writers Festival, where you will have the opportunity to meet and network with authors and other students.

**Skills include:**

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

## FORENSIC SCIENCE

**Cost:** \$0

**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**

**Cost:** \$0

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

## **MARINE SCIENCE**

**Cost:** \$40

**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.

**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

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**.

## **PERSONAL BEST**

**Cost:** \$460

During this unit students are given the opportunity to extend personal boundaries and explore the past, present and future of Victoria. Topics such as War, Immigration, Water, Power, Transport, Government, Culture and Women in Victoria will guide students learning while comparing rural and urban life. Students will come up with a topic and carry out their research in Melbourne. A compulsory component of this course is a week-long camp in Melbourne, where students will visit iconic Melbourne locations to gather evidence, which is presented to a community forum.

**Skills include:**

- Investigative skills
- Research and analysis
- Presenting

## **PSYCHOLOGY**

**Cost:** \$0

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

## **SPORT SCIENCE**

**Cost:** \$85

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. There is a possible excursion to Melbourne to participate in a range of different sporting activities.

***Skills Include:***

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

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.

## ***SURF AND TURF***

**Cost:** \$120 includes 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 2022 - EXAMPLE

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, either Humanities or Language, and four elective subjects (two per semester).

### 2022 SUBJECT CHOICES

Select subjects in order of preference from 1 to 5

#### COMPULSORY SUBJECTS

CIRCLE your preferred choice

Humanities OR Indonesian

#### CONNECT SUBJECT OPTIONS

CIRCLE your preferred choice

Duke OR Personal OR Community Learning  
of Ed Challenge Project

#### ART ELECTIVES (preference)

*You need to study one of these semester long units.*

1.

#### TECHNOLOGY ELECTIVES (preference)

*You need to study one of these semester long units.*

1.

#### OTHER ELECTIVES (preference)

*You need to study one of these semester long units.*

1.

#### OWN CHOICE ELECTIVE (preference)

Choose from ANY category

1.

#### RESERVE ELECTIVES (preference 1-8)

Choose from ANY category.

Include at least ONE from each category.

1.

2.

3.

4.

5.

6.

7.

8.

Copies of this form are on COMPASS

### Year 9 Elective Subjects Offerings

ART ELECTIVES	Cost
Art	\$20
Drama	\$10
Media & Visual Communication	\$15
Music	\$50
Photography	\$25
TECHNOLOGY ELECTIVES	Cost
Cultural Foods	\$150
Digital Technologies	\$0
Energy Breakthrough	\$340
Excellent Foods	\$150
Retro Fashion	\$30
Woodwork	\$70
OTHER ELECTIVES	Cost
Ag and Hort	\$50
Creative Writing	\$132
Forensic Science	\$0
Health and Human Development	\$0
Marine Science	\$40
Personal Best	\$460
Psychology	\$0
Sport Science	\$85
Surf and Turf	\$120