

2023

GLADSTONE PARK

Year **10** Course Handbook



Knowledge is Power

Table of Contents	Page
Introduction	4
<u>Core Subjects</u>	
English	7
Mathematics	8
SEAL Enrichment English	11
SEAL Mathematics	12
<u>Electives</u>	
List of Units	13
Digital Media	14
English	16
Food Technology	18
Health and Physical Education	19
Humanities	21
Information Technology	23
Italian	24
Mathematics	25
Performing Arts	26
Science	28
Technology	29
Visual Arts	30
Pathways	34
<u>VCE & VET</u>	
VCE & VET	35
Subject Selection Plan	39

INTRODUCTION

In line with the VCE timetable, all year 10 subjects run for five periods per week. This is designed to allow students the possibility of studying VCE subjects and/or VET programs which may be an advantage to capable and organised students.

Undertaking a VCE unit in Year 10 has significant advantages such as:

- The opportunity to develop academic and study skills in readiness for VCE
- The possibility of completing a 3-4 sequence in Year 11 and therefore having six study scores to contribute to their ATAR at the end of Year 12. It is important to note that if you do decide to accelerate a VCE subject, you are still expected to study 5 subjects in Year 12. Acceleration is to provide you with the opportunity for an extra study not a reduced study load for year 12.

Student preference is a high priority in deciding which courses finally run. However, the following factors must also be considered:

- Staffing - both the total number of staff and the availability of staff with specialist qualifications
- Rooms - many programs require the use of specialist rooms, at least for some classtime
- Government and Department of Education policies and initiatives.

SUBJECT SELECTION

The more information that you gather over the next few weeks, the happier you will likely be with your final selection.

There are many sources of assistance:

- this handbook - read it carefully
- your parents - give them the handbook to read
- Careers Centre at Gladstone Park Secondary College
- Year 10 subject teachers.

While there are few strict pre-requisites for VCE Units at levels 1 or 2, students should choose Year 10 Units with their career aspirations and Year 11 and 12 courses in mind. Students must be realistic about their chances of success in their preferred subjects, courses, and careers. When selecting their Year 10 subject's, students should try to select subjects from a range of curriculum areas to keep as many career options as possible open to them.

Consider your selections carefully. Do not choose subjects based on your friends' choices - their choices may not suit your abilities and needs, nor will you necessarily be in the same class.

All current Year 9 students **MUST** complete their course selection online unless they are certain they will not be at GPSC the following year. If you believe this to be the case, please contact the Middle School 9933 0500.

SUBJECT CHARGES

PARENTS AND STUDENTS PLEASE NOTE:

Elective subjects incur materials costs beyond what is required to fulfil the standard curriculum requirements in Victorian Curriculum F-10, VCE and VCAL.

We invite financial contribution toward that cost as is detailed under each subject in the following pages. Payment can be made at the General Office or via Compass after confirmation of provisional enrolment in an elective subject.

CAREERS

The Middle School Career Development Coordinator is available to answer parents' questions relating to career information. If parents would like to make an appointment, please contact the school.

The school cannot stress strongly enough the value of students making informed decisions about their futures.

YEAR 10 CURRICULUM

Students will study six subjects per semester: two core and four electives.

CORE SUBJECTS for mainstream Year 10 students

English/English as an Additional Language (EAL)*

* When making your selections for the elective subjects please note that there are English electives available to select.

Mathematics*:

- Year 10 General Mathematics
- Year 10 Mathematical Methods
- VCE Foundation Mathematics Unit 1 & 2

* The school will communicate the recommended core Mathematics pathways to parents and students in writing. When making your selections for the elective subjects please note that there are Mathematics electives available to select.

Core Subjects are year-long subjects

CORE SUBJECTS for Year 10 SEAL students

Year 10 SEAL Enrichment English*

* When making your selections for the elective subjects please note that there are English electives available to select.

Math's options include:

- Year 10 Enhanced Mathematics
- VCE Mathematical Methods Unit 1 & 2

(Will be confirmed at SEAL interviews)

Core Subjects are year-long subjects

ENGLISH

ENGLISH (Compulsory)

What the Course is about:

In these 2 units students will study:

1. Reading and Exploring texts: study of texts producing analytical essays.
2. Analysing and Presenting Argument: Understanding the way arguments and language work to persuade a target audience and preparing oral presentations about an issue.
3. Crafting Texts: read and engage imaginatively and critically with mentor texts that model effective writing and creating personal and reflective pieces of writing.

What You Will Learn:

Skills developed:

- Textual analysis
- Writing skills
- Vocabulary expansion
- Public speaking skills

Assessment:

Assessment will be based on students' written work, oral presentations, and an examination at the end of each unit.

ENGLISH AS AN ADDITIONAL LANGUAGE (Compulsory)

Note: EAL is for students who are unfamiliar with the English language because they are from non-English-speaking backgrounds or who are hearing impaired.

What the Course is about:

In these 2 units students will study:

1. Reading and Exploring: study of texts producing analytical essays and creative pieces
2. Crafting Texts: explore major themes, issues, and ideas from both primary and complementary texts.
3. Exploring and Presenting Arguments: understanding the way argument is created and preparing oral presentations about an issue
4. Listening to spoken English

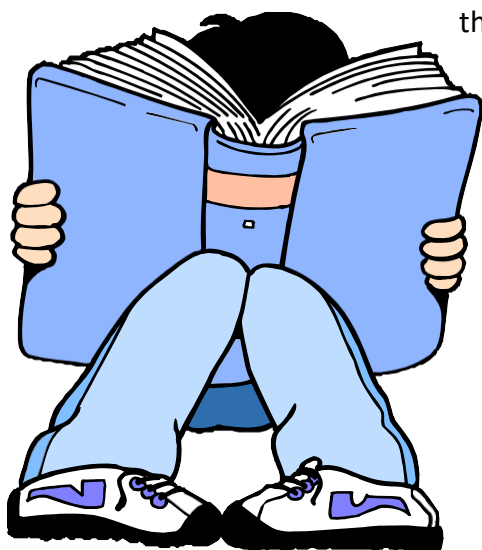
What You Will Learn:

Skills developed:

- Textual analysis
- Writing skills
- Listening skills
- Vocabulary
- Oral presentation

Assessment:

Assessment will be based on students' written work, oral presentations, and an examination at the end of each unit.



MATHEMATICS

Mathematics at Year 10 is compulsory for all students. There will be four Mathematics subjects offered to Year 10 students. These four subjects will be:

- Year 10 General Mathematics
- Year 10 Mathematical Methods
- VCE Foundation Mathematics (Unit 1 & 2)
- 10 Enhanced Mathematics – Elective

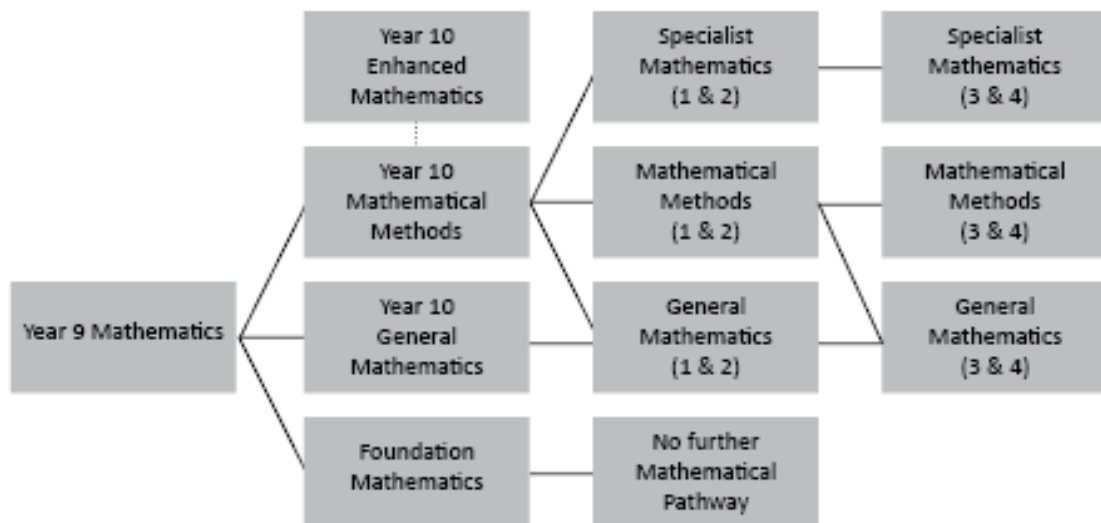
Mathematics Methods will allow students a pathway to continue the study of all Mathematics subjects in Year 11. Students who want to continue with a higher Math's at VCE are also recommended to take 10 Enhanced Mathematics.

General Mathematics will allow students to continue with General Mathematics at VCE.

VCE Foundation Mathematics does not provide a pathway for the ongoing study of Mathematics. However, credit for VCE Mathematics Units can be obtained in Year 10.

Year 9 Mathematics teachers, together with the Middle School, will determine your recommended Mathematics pathway based on your test and exam results and work ethic.

The possible pathways are shown in the diagram below:



* Specialist Mathematics must be taken in conjunction with Mathematical Methods

MATHEMATICS

Year 10 GENERAL MATHEMATICS

The course fulfils the needs of students who intend to continue General Mathematics at Year 11 and Further Mathematics at Year 12.

It **DOES NOT** lead to Unit 1 & 2 Mathematical Methods or Specialist Mathematics in Year 11.

What the Course is about:

There is a strong focus on calculation, interpretation, and analysis by using technology

What You Will Learn:

- Data Analysis and Statistics
- Geometry & Trigonometry
- Linear Relations & Graphs
- Financial Arithmetic
- CAS Calculator operation

Year 10 MATHEMATICAL METHODS

Mathematical Methods (10) must be taken by those students who wish to proceed to Unit 1 & 2 Mathematical Methods and Specialist Mathematics in Year 11. This subject can also lead into Unit 1 & 2 General Mathematics.

What the course is about:

There is a strong focus on algebraic processes as well as the properties and relationships between numbers.

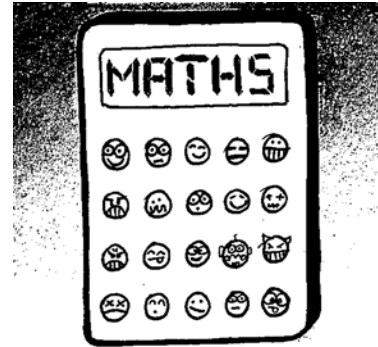
What You Will Learn:

- Surds and Indices
- Algebra and Factorisation
- Probability
- Linear and Quadratic Equations
- Trigonometry and measurement
- CAS Calculator operation

MATHEMATICS

VCE FOUNDATION MATHEMATICS

Foundation Mathematics provides for the continuing mathematical development of students entering VCE, who need mathematical skills to support other VCE subjects, including VET studies. Foundation Mathematics is ideal for those that are not intending to undertake Unit 3 or 4 studies in Mathematics.



Unit 1 and 2:

- Basic Number operations that involve fractions, decimals, percentages, and money
- Measurement – metric system, perimeter, area, and volume
- Two dimensional shapes and angles
- Statistics including graphs, mean, median and mode

Assessment:

- Tests after each topic
- SACs that encompass investigations and projects

Key Skills:

- Use technology effectively to solve equations
- Use formulas to calculate area, perimeter, surface area and volume
- Interpret information in maps and tables
- To collect and organise data into appropriate graphs

Associated Career Paths:

- Sales Assistant
- Auto Mechanic
- Secretary
- Trades Person

SEAL ENRICHMENT ENGLISH

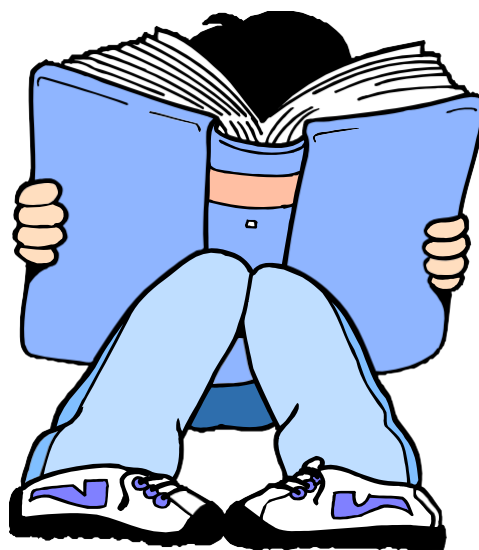
ENGLISH Semester 1 & 2

SEAL students have studied 3 years of advanced English prior to Year 10. The Enrichment English course at Year 10 is designed to fully prepare Year 10 SEAL students for success in all aspects of VCE English. In Semester 2 the course also builds VCE Literature skills, so students are prepared for a Literature pathway if they so choose.



Across the year, students will:

- analyse arguments and the use of persuasive language in media texts
- read and respond to texts analytically
- develop a creative and/or reflective response to key ideas within the studied texts
- develop public speaking skills through persuasive oral presentations
- read and write in context, exploring ideas and themes presented in a variety of written texts
- critically analyse features of a text, relating them to an interpretation of the text as a whole



SEAL MATHEMATICS

Year 10 ENHANCED MATHEMATICS (Semester 1 & 2)

SEAL students are expected to do Year 10 Enhanced Mathematics unless otherwise informed.

The purpose of this subject is to prepare students for the rigorous demands of Units 1 and 2 in both Mathematical Methods and Specialist Mathematics. This subject aims to reinforce and extend the Year 10 Mathematical Methods course and to expose students to a carefully selected subset of concepts from Year 11 Mathematical Methods.

This subject is highly recommended, but not compulsory, for students aiming to study Mathematical Methods and Specialist Mathematics in VCE.

What You Will Learn:

Semester 1

- Patterns, recursion & finance
- Probability & combinatorics
- Circular functions

Semester 2

- Exponentials & logs
- Geometry
- Matrices

VCE MATHEMATICAL METHODS UNIT 1 & 2

SEAL students who have exceptional mathematic ability will be recommended to do Mathematical Methods Unit 1 & 2.

Students are expected to be able to apply techniques, routines and processes involving rational and real arithmetic, algebraic manipulation, equation solving, graph sketching, differentiation, and integration with and without the use of technology. The appropriate use of computer algebra system (CAS) technology is also expected.

Unit 1 and 2

Functions and Graphs

- Students will cover the graphical representation of polynomial and power functions

Algebra

- Students will develop algebraic expression and represent functions, relations, equations, and simultaneous equations

Calculus

- Students should be able define constant and average rates of change

Probability and Statistics

- Students will cover concepts of event using Venn diagrams, Karnaugh maps, tables, and tree diagrams
- Students will consider events as either impossible, certain, complementary, mutually exclusive, conditional, and independent

LIST OF UNITS

LEARNING AREA	YEAR 10 ELECTIVES
Digital Media	Media, Photography
English	Extra English, Literature 1 & 2
Food Technology	Food Technology (Advanced), Food for Life
Health and Physical Education	Active Girls, Health & Human Development, Physical Education General, Physical Education Specialist
Humanities	Geography, History, Commerce, Politics and the Law
Information Technology (Computing)	Information Technology (Applications), Information Technology (Programming)
Italian	Italian (Semesters 1 & 2)
Mathematics	Enhanced Mathematics
Performing Arts	Dance, Drama, Music
Science	Biology, Chemistry & Physics
Technology	Materials & Systems: Wood, Textiles
Visual Arts	Architectural VCD, Art, Clay & 3D Art, Visual Communication Design
Other	Pathways VCE units (semesters 1 & 2) VET units (semesters 1 & 2) – internally delivered programs only)

DIGITAL MEDIA

MEDIA (VIDEO PRODUCTION)

Course Description:

The course gives students an introduction to the media industry, including:

- Film analysis (narrative and genre)
- Looking at the role of the mass media across the globe (video games, print, film, television, advertising, social media)
- Producing two short media productions (horror trailer and short film).

What You Will Learn:

Students will analyse two films, including how they are made by professional filmmakers. They will also plan, shoot, and edit two short films, learning how to use video production equipment (DSLR cameras, LED lights, audio recorders/microphones) and video editing software (Adobe Premiere Pro). Finally, students will study key areas of the global media industry, as well as how the mass media shapes the world around us, by looking at a range of media forms (video games, films, television, social media, online/digital media, print and photography).

Assessment:

- Study of two films (narrative and genre)
- Students produce two short video productions (horror trailer and short film)
- End of semester examination.



***PARENTS AND STUDENTS
PLEASE NOTE:***

Financial Contribution

Media: \$10



DIGITAL MEDIA

PHOTOGRAPHY

Course Description:

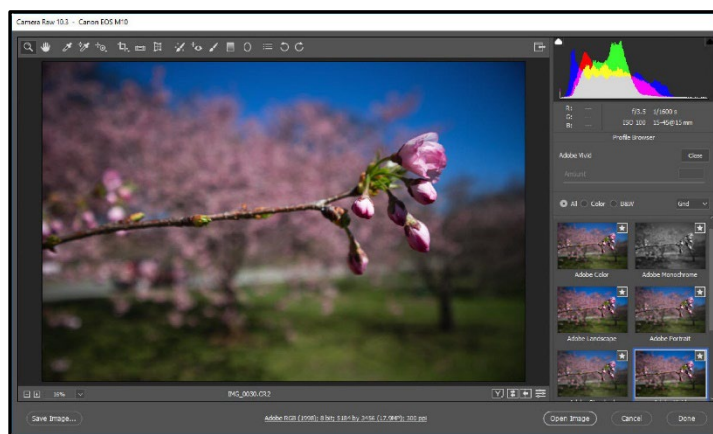
Students will be given the opportunity to explore the nature of digital photography, with the opportunity to expand their photographic knowledge and technical skills. Photography students are encouraged to be imaginative and creative in their work and are guided through demonstrations, projects, and discussions. Students will use DSLR cameras combined with Photoshop to enhance their images.

What You Will Learn:

The core focus of this semester is to learn the basics in camera operation and to achieve a variety of techniques (shooting in full manual mode). Students will complete their photographic projects mainly on school grounds during designated class time. They will also learn basic Adobe Photoshop skills to improve and enhance their images.

Assessment:

Students will submit photography projects surrounding composition, art elements and art principles and a technical project focused on creating movement and deliberate blur. The theoretical aspect focuses on writing a visual analysis and researching an influential photographer.



PARENTS AND STUDENTS PLEASE NOTE:

Financial Contribution

Photography: \$30



ENGLISH

LITERATURE 1

Literature Now: Modern Masterpieces

We watched the world change around us this year, so why are we studying the same old texts? What new and interesting literature is just waiting for us to discover it?

In this class, Year 10 students will explore a variety of genres, text types, media, authors, themes, and topics to gain a better understanding of the present and future of English Literature.

For example, in this class students will get to experience texts like:

- Poems and songs by artists like Tupac, Nicki Minaj, Beyoncé, Nirvana, or Billie Eilish
- Genres like science fiction, horror, humour, or romance
- A novel like *Breakfast at Tiffany's*, *The House on Mango Street*, or *Animal Farm*
- The crafting of their own creative writing

Literature classes will prepare Year 10 students for VCE Literature, and build the following skills:

- Fluency of writing
- Depth of analysis
- Sophistication of vocabulary

Note: Literature is a single semester subject, however students can choose to take one or both semesters of English Literature.

LITERATURE 2

Essential Reads: Reviving the Classics

Have you ever wondered what people talk about when they discuss “the great works” of English Literature? Do you feel like you’re missing out not having studied these classics?

In this class, Year 10 students will explore a variety of genres, text types, authors, themes, and topics to gain a better understanding of the foundations of English Literature.

For example, in this class students will get to experience texts like:

- A play from playwrights like Shakespeare, one of the Ancient Greeks, or Chaucer
- Short stories from authors like Edgar Allan Poe, Henry Lawson, or Kate Chopin
- Poems like “No Man Is an Island” by John Donne, “Beowulf,” the first known poem in the English language, or “Goblin Market,” a strange children’s poem by Christina Rossetti
- The crafting of their own creative writing



ENGLISH

EXTRA ENGLISH

Extra English is suitable for students who want extra time and assistance to improve the skills required for success in VCE English. Extra English is a single semester subject.

Extra English will help students to:

- Increase their confidence in using Standard Australian English
- Strengthen language skills through thinking, reading, writing, speaking, and listening
- Communicate ideas and information effectively using written and spoken language
- Speak and listen effectively in a range of settings for different purposes
- Read a variety of texts to construct a range of responses
- Read accurately to locate, understand, organise, and synthesise information
- Develop a vocabulary to talk confidently about language and texts.



FOOD TECHNOLOGY

In Year 10 Food Technology students will further expand their skills developed at Year 9 while also gaining a better understanding of the practical and theory elements involved in Food Technology. The two subject options offered at Year 10 allow for students to undertake the study of food technology for the entire year if they choose and timetabling allows. Students will continue to focus on the development of key life skills such as teamwork, time management and organisation.

FOOD TECHNOLOGY (ADVANCED)

This semester-based subject will provide students with an introduction to VCE Food Studies. Students will investigate topics such as food origins, including food around the world, digestion, nutrition, healthy eating, and the science of food. Students will undertake a range of practical sessions that will include cooking, practical and sensory analysis. This is a pathway subject strongly recommended for those interested in undertaking Food Studies at VCE level.

FOOD FOR LIFE

This semester-based subject will provide students with the basic knowledge and skills to cook a range of healthy nutritious meals at home. This subject will also assist to develop skills for those interested in a hospitality pathway. Students will investigate labelling and packaging systems, budgeting and tools and equipment used in the professional kitchen. This subject caters for students who have a strong interest in the practical aspect of food technology.

PARENTS AND STUDENTS PLEASE NOTE:

Financial Contribution

Food Technology (Advanced): \$110

Food for Life, Food for Work: \$110

HEALTH AND PHYSICAL EDUCATION

Students may select more than one unit

ACTIVE GIRLS

What the Course is about:

“Active Girls” aims to give girls the skills and knowledge to pursue active and healthy lives. It focuses on issues relating to exercise and nutrition in relation to good health and aims to enable students to make informed decisions about their own exercise and eating patterns.

What the Course Covers:

- The dimensions of health benefits of regular participation in physical activity
- The increased health risks associated with poor nutrition
- Government initiatives to improve health including The Australian National Physical Activity Guidelines
- Current levels of physical activity in Australia
- Barriers to participation in physical activity
- Myths associated with fitness and training
- Body image
- Nutrition for good health/Healthy Living Pyramid/Dietary Guidelines for Australians
- Factors influencing food choices
- Australia’s healthcare systems

Assessment:

The theoretical component of this subject will account for about 60% of lessons with practical lessons accounting for the other 40%. The focus of practical sessions will largely be based on ‘lifestyle’ activities rather than competitive sports.



HEALTH & HUMAN DEVELOPMENT

What the Course is about:

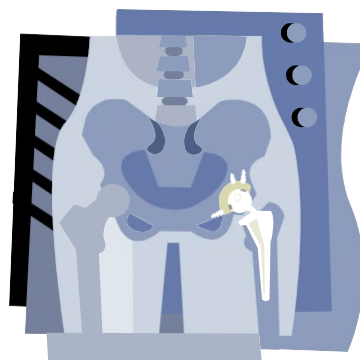
The primary focus of this elective is ‘Sexual and Reproductive Health and development’. Topics include, what is health and wellbeing, types of contraceptives, STI’s, safe sex, puberty and hormones, decision making, pregnancy and fertility.

What the Course Covers:

- Male and Female reproductive systems
- Reproductive health
- Menstrual Cycle
- Contraception
- STI’s – signs, symptoms, and treatment
- The role and influence of family, peers, society and gender on values, attitudes, beliefs, and behaviour related to sexual health and sexual activity.
- Sex and Decision making
- Stages of the lifespan
- Health and wellbeing
- Development
- Prenatal Development
- Puberty and Hormones

Assessment:

This will be based on class work, topic tests, written work, participation in activities, assignments, computer tasks and a formal examination.



HEALTH AND PHYSICAL EDUCATION

Students may select more than one unit

PHYSICAL EDUCATION GENERAL

What the Course is about:

Year 10 Physical Education attempts to provide students with skills and knowledge to enable them to live active and healthy lives and to make informed decisions concerning their own health and fitness. A variety of physical activities will be undertaken to improve skill levels, with emphasis on enjoyment and fostering life-long participation in physical activity. The theoretical component of the subject accounts for 60% of lessons, with practical activities accounting for the other 40%.

What the Course Covers:

- Evaluation of personal performance, including fitness testing
- Sporting injuries, their prevention and treatment
- First aid including Cardiopulmonary Resuscitation (CPR)
- Body Systems
- The role of technology in sport

Assessment:

Assessment will include tests, assignments, worksheets, oral presentations and an end of semester examination and participation in practical units.



PHYSICAL EDUCATION SPECIALIST

Students who intend to undertake VCE Physical Education are advised to complete this unit.

What the Course is about:

The course aims to increase student knowledge and understanding of human anatomy, specifically the skeletal, muscular, respiratory, and circulatory systems. Energy systems required for physical activity will be studied and students will gain an understanding of factors that affect skill development. Biomechanics, the sports science field that applies the laws of mechanics to human performance will also be studied. The theoretical component of this subject accounts for approximately 60% of lessons, with practical activities accounting for about 40%. Some practical sessions will involve students undertaking laboratory activities to help them apply knowledge gained in theory lessons.

What the Course Covers:

- Human Anatomy
- Energy systems and physical activity
- Biomechanics

Assessment:

Assessment will include tests, assignments, worksheets, and an end of semester examination.



HUMANITIES

COMMERCE

What the Course is about:

Are you Australia's next billionaire? This course aims to introduce students to some of the main areas of Commerce.

1. The Economic System – meeting needs and wants in the marketplace.
2. Introduction to Accounting – balancing the books.
3. Business Management – are you up to running a business?

Students will become familiar with concepts which will be explored further in:

- **VCE Accounting**
- **VCE Business Management**
- **VCE Economics**
- **VET Business Administration**

Assessment:

- Class exercises
- Topic tests
- Unit examination

GEOGRAPHY

What the Course is about:

In Geography, the students will investigate two main areas of study:

- Environmental Change and
- Management and Geographies of Wellbeing

The elective starts with an overview of the environmental functions that support all forms of life, the major challenges to sustainability of these life forms and finishing off with a study into environmental world views focusing on Aboriginal and Torres Strait Islander peoples.

Through an investigation of environmental changes in Australia, students will examine the causes and consequences of environmental change – in particular, geographic concepts and methods that enable them to select appropriate strategies to manage environmental change.

In Geographies of Human Wellbeing, students investigate differences in human wellbeing, especially causes of global differences, within and between countries (such as Australia, Asian regions and possibly across the world) and evaluate these differences from different perspectives.

Assessment:

- Unit examination
- Fieldwork report
- Research assignment

HUMANITIES

HISTORY

What the Course is about:

This course provides a study of the history of the modern world and Australia from 1770 to the present, with emphasis upon human rights, and the atrocities of war.

Key areas of learning include:

1. The course of World War II, in both Europe and the Pacific, including Australia's involvement
2. Atrocities of War: The Holocaust, war crimes & Atomic Bombing.
3. The Vietnam War and Australia's involvement
4. Civil Rights Movement; in both the USA and in Australia. (1770 – the present)

Assessment:

Assessment will be based on:

- Unit examination
- Topic tests
- Class exercises
- Research assignment
- Evaluation of historical sources

POLITICS AND THE LAW

What the Course is about:

Are you interested in how society works, understanding who has the power and finding out what impact you can make? If so, this introductory course is for you.

Topics include:

- What type of society should we have?
- What is democracy?
- Parliament and Political Parties
- Voting and Elections
- Who makes laws?
- Criminal Justice System
- The Victorian Court Hierarchy
- Civil Law: Defamation and Negligence

Assessment:

- Class exercises
- Topic tests
- Class excursions to Parliament and the Magistrates Court
- Unit examination

INFORMATION TECHNOLOGY (COMPUTING)

INFORMATION TECHNOLOGY

(Applications)

What the Course is about:

This unit involves using several applications to solve information problems that have real life application. They also examine computer hardware components, the function, and characteristics of each component and how hardware and software work together.

Students will learn to use applications effectively to create solutions to information technology problems and apply the problem-solving methodology throughout the unit to design and develop working solutions

This elective would be highly advantageous to students wishing to study Applied Computing and Software Development/Data Analytics in VCE.

This unit of study would be highly desirable for students wishing to enter courses leading to qualifications in computer science, multimedia, network management programming, data analytics and other information technology related fields.

Assessment:

Assessment for this unit will include a range of methodologies: completion of theory exercises, practical learning tasks, projects, tests, a portfolio, and an end of semester examination.

INFORMATION TECHNOLOGY

(Programming)

What the Course is about:

This unit involves studying a programming language which students use to program applications. Students study algorithms and logic.

Students will learn to develop and code programs ranging from simple programs to more complicated applications.

This elective would be highly advantageous to students wishing to study Applied Computing and Software Development in VCE.

This unit of study would be highly desirable for students wishing to enter courses leading to qualifications in computer science, multimedia, network management, software development and other information technology related fields.

Assessment:

Assessment for this unit will include a range of methodologies: completion of theory exercises, practical learning tasks, projects, tests, a portfolio, and an end of semester examination.



ITALIAN

The school strongly encourages you to study Italian in Year 10 and beyond. This is not only because of the vibrant culture, history, and lifestyle that this language represents but also because knowing another language may help to enhance your English, give you an advantage in job applications, encourage you to travel and exercise your brain with memory and problem-solving skills. The added advantage of doing Italian in Year 12 is that the ATAR is generally scaled up.

ITALIAN

What the Course is about:

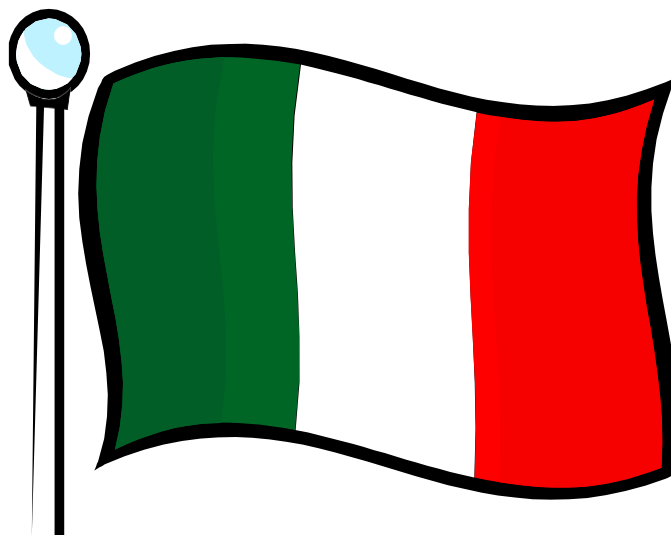
Content based learning will continue to be offered with a major focus on Italian speaking skills.

Topics may include:

Study skills, developing creativity, classical mythology, and friendships

Assessment:

- Speaking Tasks
- Viewing, Listening & Reading Tasks
- Writing Tasks
- End of Semester exams.



MATHEMATICS

ENHANCED MATHEMATICS (ELECTIVE)

What the course is about:

The purpose of this subject is to prepare students for the rigorous demands of Units 1 and 2 in both Mathematical Methods and Specialist Mathematics. This subject aims to reinforce and extend the Year 10 Mathematical Methods course and to expose students to a carefully selected subset of concepts from Year 11 Mathematical Methods.

This subject is highly recommended, but not compulsory, for students aiming to study Mathematical Methods and Specialist Mathematics in VCE.

What You Will Learn:

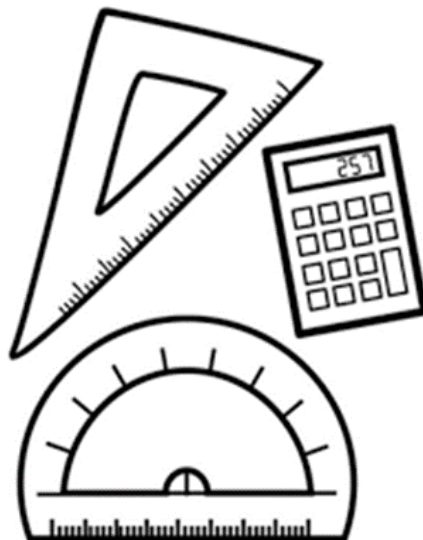
Semester 1

- Patterns, recursion & finance
- Probability & combinatorics
- Circular functions

Semester 2

- Exponentials & logs
- Geometry
- Matrices

Note: Students can choose to do 1 or both semesters of Enhanced Mathematics



PERFORMING ARTS

DANCE

Dance is the language of movement. It is the realisation of the body's potential as an instrument of expression. Throughout history and in different cultures, people have explored the dancer's ability to communicate and give expression to social and personal experience. The study of dance provides the opportunity to explore the potential of movement as a medium of creative expression through practical and theoretical approaches. By the end of Level 10, students:

- choreograph dances by manipulating and combining the elements of dance, choreographic devices, and form and production elements to communicate their choreographic intent
- choreograph, rehearse, and perform dances, demonstrating safe dance practice and technical and expressive skills appropriate to the style and genre
- analyse choreographers' use of the elements of dance, choreographic devices, and form and production elements to communicate choreographic intent in dances they make, perform and view
- evaluate the impact of dance from different cultures, times, and locations



DRAMA

Studies in Drama will equip students with knowledge, skills, and confidence to communicate as individuals and collaboratively in social and work-related contexts. There isn't an occupation on the planet that doesn't benefit from a background in Drama. By the end of Level 10, students:

- develop and sustain different roles and characters to realise dramatic intentions and engage audiences
- perform devised and scripted drama in different forms, styles, and performance spaces
- plan, direct, produce, rehearse, and refine performances
- select and use the elements of drama, narrative, and structure in directing and acting and apply stagecraft
- use performance and expressive skills to convey dramatic action and meaning
- analyse the elements of drama, forms and performance styles and evaluate meaning and aesthetic effect in drama they devise, interpret, perform and view
- use experiences of drama practices from different cultures, places, and times to evaluate drama

PERFORMING ARTS

MUSIC

Music is an integral part of all cultures from the earliest of times, expressing and reflecting human experience. Music learning requires students' active engagement in the practices of listening, performing, and composing. An education in Music encourages the ability to coordinate both creative and critical thinking skills to achieve set goals. By the end of Level 10, students will be able to:

- interpret, rehearse, and perform solo and ensemble repertoire in a range of forms and styles
- demonstrate a developing personal voice and technical control, expression, and stylistic understanding
- use general listening and specific aural skills to enhance their performances and use knowledge of the elements of music, style, and notation to compose, document and share their music
- aurally and visually analyse works and performances of different styles
- evaluate the use of elements of music and defining characteristics from different musical styles
- use their understanding of music making in different cultures, times, and places to inform and shape their interpretations, performances, and compositions



SCIENCE

CHEMISTRY

An Introduction to Chemistry

What You Will Learn:

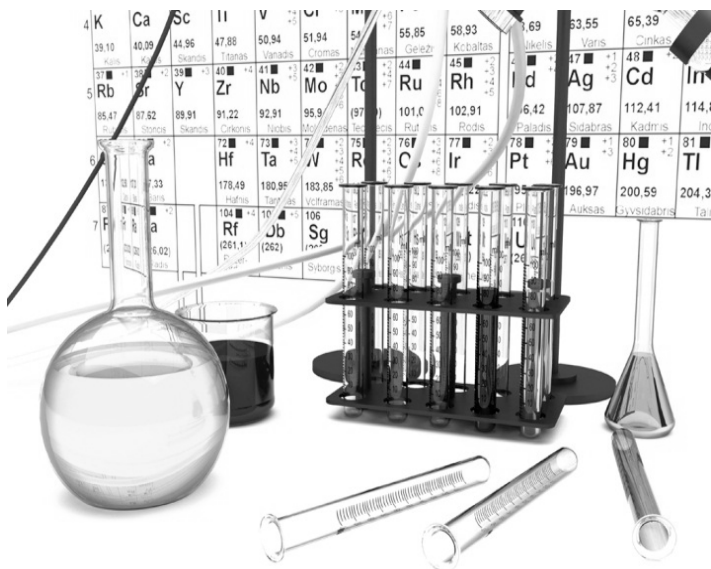
The elective will focus on

- Atomic structure and properties of the elements are used to organise elements in the periodic table
- The making and naming of compounds
- The different types of chemical reactions and calculating the mole. This will include the products of reaction and balancing chemical reactions

This elective is highly recommended for students who are interested in studying VCE Chemistry.

Assessment Tasks:

These will include topic tests, worksheets and activities, practical work, reports, and a semester examination.



BIOLOGY

An Introduction to Biology

What You Will Learn:

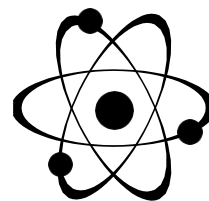
This unit focuses on two main areas

- Genetics and DNA Technology
- Evolution of species through natural selection

This elective is highly recommended for students who are interested in studying VCE Biology.

Assessment Tasks:

These will be practical work and investigations, a research assignment, coursework, and a semester examination.



PHYSICS:

An Introduction to Physics

What You Will Learn:

The World of Physics covers areas such as movement, forces, collisions, energy transformations and electrical circuits.

This elective is highly recommended for students who are interested in studying VCE Physics.

Assessment Tasks:

These will include topic tests, worksheets and activities, practical work, reports, and a semester examination.

TECHNOLOGY

MATERIALS & SYSTEMS: WOOD

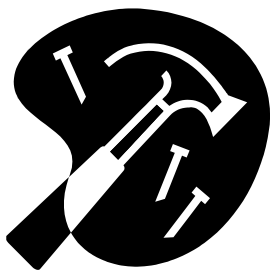
What the Course is about:

Students work safely with a range of tools, equipment, materials, components, and processes to design and produce a range of projects such as a pot plant stand, trinket box, coffee table, dragstar (motorised car) and a ferris wheel.

Students in Year 10 can also undertake Unit 1 & 2 Product Design and Technology subjects.

Assessment:

- Theory
- Practical Work
- Assignments
- IT Skills (use of Google sketch up)
- Semester Examination



TEXTILES

What the Course is about:

Students will expand their skills and knowledge in design and production through the creation of 1 stretch and 1 non-stretch garment. Students learn how to use commercial patterns to create fashion. They will become aware of current, sustainable textile practices whilst creating quality work.

Year 10 Textiles will assist students who wish to take Unit 1 & 2 Product Design and Technology – Textiles.

Assessment:

Assessment will be based on practical design, sketchbook, and theoretical work. In this subject a variety of machine construction and hand finished skills apply. Assignments and research investigations on various textile issues, using IT, are also a part of Textiles.

PARENTS AND STUDENTS PLEASE NOTE:

Financial Contribution

Materials & Systems \$25.00

Textiles \$25.00

VISUAL ARTS

ARCHITECTURAL VCD

This Subject involves:

Students completing several pieces of architectural visual communication that will employ the following drawing methods and associated skills and conventions:

- The completion of an architectural floor plan according to industry standards
- Development of architectural designs that meet the needs of an intended audience
- Presentation of a 3D architectural model that is structurally sound and accurately reflects the initial floor plan
- Develop familiarity with a wide range of architectural styles by charting the progression of architecture through the ages

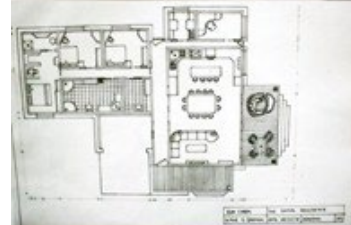
Assessment:

- **Visual Diary:** Architectural floor plan designed in adherence to a given brief and in accordance with industry standards, technical drawing styles and conventions
 - **Folio Production:** 3D model making and design folio of technical drawings
 - **Analysis of Design:** Presentation and analysis on architectural eras and designers
- **End of Semester examination**

***PARENTS AND STUDENTS
PLEASE NOTE:***

Financial Contribution

Architectural VCD: \$30.00



VISUAL ARTS

ART

This Subject involves:

Students can explore a variety of two-dimensional outcomes aimed at improving artistic skills and awareness, assisting each individual to attain a level of competency in a range of art experiences. Students explore the History of Impressionism and Surrealism and then apply this new appreciation and understanding to the development of their practical folio.

Assessment:

- **Visual Diary:** A record of the students' preliminary studies and planning for their major artworks and homework tasks aimed at enhancing research and practical art making skills
- **Folio Production:** A collection of major works reflecting the characteristics of Impressionism and Surrealism
- **Art Appreciation:** An investigation of the Impressionist and Surrealist movements studied in class and a visual analysis to identify the Elements and Principles in various artworks, as well as to understand aesthetic and communication properties of those artworks.
- **End of Semester Examination**



VISUAL ARTS

CLAY AND 3D ART

This Subject involves:

The focus of the practical component of Clay & 3D Art is on the exploration of ideas through drawing and translation of the most successful results, into a range of sculptural media including ceramics and mixed media. Design drawings, form and surface decoration will be explored and developed. In studying art appreciation students will develop confidence, vocabulary, and knowledge to discuss a variety of art works.

Assessment:

- **Visual Diary:** A record of the students' designs and planning for their 3D artworks and homework tasks aimed at enhancing research and practical skills
- **Folio Production:** A collection of 3D Art works reflecting the characteristics of art movements studied in class
- **Art Appreciation:** An investigation of Art Movements/Artists studied in class
- **End of Semester examination**



VISUAL ARTS

VISUAL COMMUNICATION DESIGN (VCD)

This Subject involves:

Visual Communication Design encourages students to generate creative and innovative design solutions in response to a real-world design brief. Students will explore design techniques, which cover a multitude of disciplines. The course is designed to develop students' understanding of how ideas and information can be conveyed through visual means. This will be achieved through the detailed exploration of media, materials, and design methods. In theory, students study designers and design movements in a cultural and historical context and learn Adobe Illustrator and Photoshop.

This coursework will cover these design fields:

- Communication (graphic design)
- Industrial (product design)

Assessment:

- **Visual Diary:** Creating design processes in response to set design briefs
- **Folio Production:** Development of technical and creative graphic skills, focusing on the exploration of various media and equipment that will help generate an appropriate visual solution to fulfill a specified purpose, incorporating drawing and the Adobe Creative Suite
- **Analysis of Design:** Written responses analysing the use of design elements, principles, and the work of famous designers within various forms of visual communication
- **End of Semester examination**



PATHWAYS

PATHWAYS

What is the Course About:

Pathways aims at helping students to identify, investigate, and plan their future career pathway.

Furthermore, students undertake study in many various topics which is designed to broaden knowledge and improve skills around the world of work.

These topics include:

- investigate personal interests
- research career options
- learn how to apply for work, including writing resumes, application letters and preparing for job interviews
- Understand the workplace, working conditions and classifications, payment for work, workplace protection (OH&S), superannuation, income tax.

Pathways is especially designed for students who are interested in apprenticeships or traineeships, employment, or full-time TAFE when they leave school. Students undertake Occupational Health and Safety Training, study the world of work, and prepare for interviews with employers.

What the course Covers:

- Develop a Career Plan
- Apply for Apprenticeships/Traineeships
- Apply for full-time TAFE courses
- Complete application forms
- Write a résumé and cover

Students must undertake **work experience** 1 day per week (every Friday) for the year during which they do Pathways. This is in addition to the 1-week block of work experience that all Year 10 students complete. This allows them to apply knowledge and skills they are learning in class to the real world of work and further develop their career plan.

Assessment:

Work Experience Placement (Compulsory) - Completion of mandated paperwork and organisation of placement, including Safe@Work OHS certificates.

Work Experience Evaluations - Employer and teacher evaluation of placement, student report and class presentation, Logbook.

Portfolio - Worksheets and activities based on weekly career topics

Career Research Assignment - Research assignment on a career of interest as determined by individual student.



VCE & VET

ACCELERATING AT GLADSTONE PARK SECONDARY COLLEGE

The opportunity exists for eligible students to study a VCE subject* as an accelerated subject. This means that a Year 10 student could study a Unit 1 & 2 (Year 11) subject and a Year 11 student could study a Unit 3 & 4 (Year 12) subject.

Students that accelerate and choose to study a VCE subject will not necessarily have a lighter study load in year 12. The accelerated subject is to provide a 6th subject (one extra) to the normal 5 subject year 12 load and to provide students with the opportunity to experience VCE a year earlier to better prepare for their final year of school.

To be eligible for acceleration as a Year 10 student:

The student must be achieving a B average across all subjects on their Year 9 semester 1 report, including the subject(s) relevant to their intended accelerated subject.

To be eligible for acceleration as a Year 11 student:

The student must be achieving a B average across all subjects on their Year 10 semester 1 report, including the Unit 1 and 2 subject that will become their Unit 3 and 4 accelerated subjects in year 12.

We encourage students who meet the criteria to take on this challenge. It is an opportunity to develop an understanding of the demands and the processes and procedures involved in a VCE subject and can also be a mechanism to maximise a student's ATAR.

It is important to consider what will happen if a B average cannot be maintained and the additional pressure on the overall study load.

Senior School will have the responsibility for approving a student's accelerated studies in consultation with the relevant year level coordinators.

* Not all subjects are available for acceleration.

Make sure that you read and understand the VCE guidelines and policies detailed in the VCE handbook before committing to accelerated study.

ATTENDANCE

The VCE Attendance Policy is outlined in the Gladstone Park Secondary College VCE Handbook.

Extended family holidays are not approved absences for the purposes of meeting the VCE attendance requirements.

Year 10 students should not choose a VCE subject if an extended family holiday is planned.

VCE and VET SUBJECTS OFFERED TO YEAR 10 STUDENTS

Students who select a VCE or VET subject in Year 10, select this subject for the year.

LEARNING AREA	SUBJECTS
Commerce	Accounting Business Management Economics Legal Studies
Computing (Information Technology)	Applied Computing (Information Technology)
Digital Media	Media Art Making and Exhibiting – Photography
English	Literature
Food Technology	Food Studies
Health and Physical Education	Health and Human Development Physical Education
Humanities	Geography Global Politics History
Mathematics	General Mathematics
Performing Arts	Drama Music Performance
Science	Biology Psychology
Technology	Product Design & Technology – Textiles Product Design & Technology – Wood Systems Engineering
Visual Arts	Art Making and Exhibiting – Art Visual Communication Design
VET	Business Administration Creative and Digital Media Sport and Recreation

For the details of all VCE subjects and VET subjects offered at Gladstone Park Secondary College, please refer to the VCE Handbook.

Your Interests

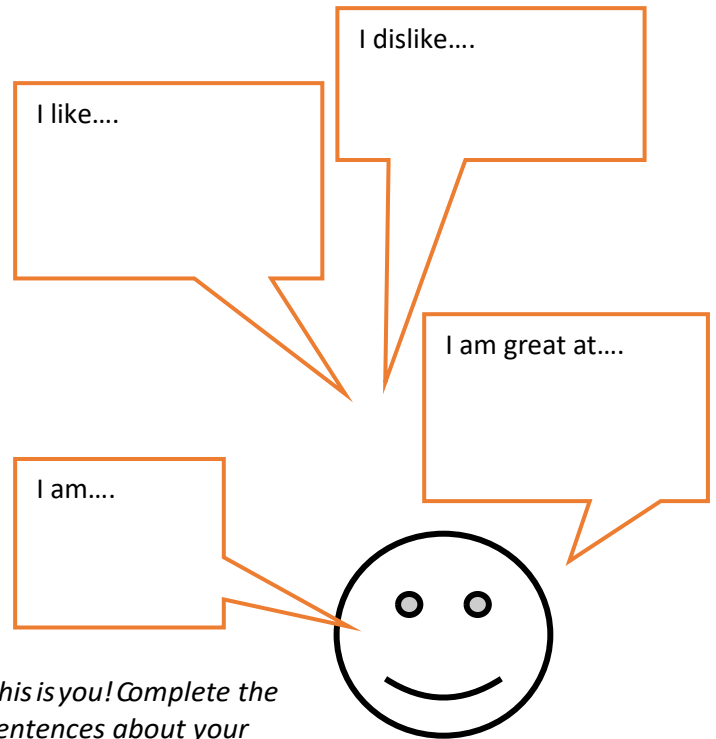
Making decisions about what to study in year 10 and beyond involves reflecting on what you have already experienced. It also involves considering what you might like to experience in the future. Here are some activities to help you think about your interests and strengths.

Past and Present subjects

Think about what you are currently studying. Reflect upon what you have found positive and/or negative about each subject, things like: you are interested in the topic, enjoyed doing project work, don't like group work, or are really good at something in particular.

Record your thoughts in the table below.

Subject	Positives/negatives and why?
<p>Next, think about other subjects or activities you've enjoyed in the past. Now add these to the table. Are there any themes that stand out? How are studies you like similar or different?</p> <p>Write down the common themes of what you like or dislike here:</p>	



This is you! Complete the sentences about your motivations!

What subjects would you like to try?

In year 10 you can try out many different subject areas. Write down the ones that you are interested to try.

Subject	Why does it interest you?

Your strengths

Think about the activities listed below and identify how much you enjoy each one. Try to think of example experiences as you go through the list.

How much do you enjoy...	Love it	Like it	It's okay	Not really	Hate it	Can you think of any other activities that you enjoy? Write them down here
Doing things outside	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Helping others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Working with technology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Organising things	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Caring for people	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Talking to other people	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Finding out how things work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Being creative	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Building things	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Working in a team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Working on your own	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Goal Setting

Consider your future – what do you hope to achieve by:

1. The end of next year?

2. The end of High school?

3. The end of the next decade?

What can you do to help you achieve these goals?

YEAR 10 2021 SUBJECT SELECTION PLAN

School Future Intentions:

☐ VCE

☐ VCAL

Intentions after Secondary School:

☐ University

☐ TAFE

☐ Work

Future Job Aspirations:

ELECTIVE SUBJECTS – You study 4 elective subjects per semester, but you need to choose 12 subjects in total. Number them 1-12 in order of preference.

Learning Area	Subjects	Preferences (1-12)
COMMERCE	Commerce	
	Politics and the Law	
DIGITAL MEDIA	Media	
	Photography	
ENGLISH	English Literature 1	
	English Literature 2	
	Extra English	
FOOD TECHNOLOGY	Food Technology (Advanced)	
	Food for Life	
HEALTH & PHYSICAL EDUCATION	Active Girls (girls only)	
	Health & Human Development	
	Physical Education General	
	Physical Education Specialist	
HUMANITIES	Geography	
	History	
INFORMATION TECHNOLOGY (COMPUTING)	Information Technology (Applications)	
	Information Technology (Programming)	
ITALIAN	Italian (Semester 1 & 2)	
MATHEMATICS	Enhanced Mathematics	
PERFORMING ARTS	Dance	
	Drama	
	Music	
SCIENCE	Biology	
	Chemistry	
	Physics	
TECHNOLOGY	Materials & Systems	
	Textiles	
VISUAL ARTS	Architectural VCD	
	Art	
	Clay & 3D Art	
	Visual Communication Design	
OTHER	Pathways	

UNIT 1 & 2 VCE SUBJECTS

These units are offered to Year 10 students who have demonstrated a commitment and ability to meet the demands of a Unit 1 & 2 subject with a B average and Sub School approval. Students **MUST** read the VCE section of the course handbook before selecting a VCE subject.

Learning Area	Subject	Preference (1-3)
COMMERCE	Accounting Unit 1 & 2	
	Business Management Unit 1 & 2	
	Economics Unit 1 & 2	
	Legal Studies Unit 1 & 2	
COMPUTING	Applied Computing (Information Technology) Unit 1 & 2	
DIGITAL MEDIA	Media Unit 1 & 2	
	Art Making and Exhibiting – Photography Unit 1 & 2	
ENGLISH	English Literature Unit 1 & 2	
FOOD TECHNOLOGY	Food Studies	
HEALTH AND PHYSICAL EDUCATION	Health and Human Development Unit 1 & 2	
	Physical Education Unit 1 & 2	
HUMANITIES	Geography Unit 1 & 2	
	Global Politics Unit 1 & 2	
	History Unit 1 & 2	
MATHEMATICS	General Mathematics 1 & 2	
PERFORMING ARTS	Drama Unit 1 & 2	
	Music Performance Unit 1 & 2	
SCIENCE	Biology Unit 1 & 2	
	Psychology Unit 1 & 2	
TECHNOLOGY	Product Design & Technology – Textiles Unit 1 & 2	
	Product Design & Technology – Wood Unit 1 & 2	
	Systems Engineering Unit 1 & 2	
VISUAL ARTS	Art Creative Practice – Art Unit 1 & 2	
	Visual Communication Design Unit 1 & 2	
VET	VET Business Administration Unit 1 & 2	
	VET Creative and Digital Media Unit 1 & 2	
	VET Sport and Recreation Unit 1 & 2	

QUESTIONS TO ASK ABOUT MY SUBJECT CHOICES?

Why do I want to study these subjects?

From the preferences you have listed above, list your top 6 subjects, and complete the following table, to clarify what drew you to these subjects, and to list the questions you will ask the Learning Area Leaders at the Subject Selection Expos

	Subject	What interests me in this subject?	List 2 questions to ask about this subject	Answers to my questions
<i>e.g.,</i>	<i>History</i>	<i>I enjoy learning about WWII</i>	<i>What kind of reading do I need to do for this subject?</i>	<i>Textbook and wider reading is set by the teacher weekly</i>
1				
2				
3				
4				
5				
6				
Extra choices				

