

BOORT DISTRICT P - 12 SCHOOL



VCE / VET SUBJECT HANDBOOK 2024

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INTRODUCTION

This handbook outlines the course choices available to Year 10, 11 and 12 students at Boort District School, provides a range of details about these units, and also outlines the subject selection process used. This process will hopefully provide students with the best counselling for tertiary study and careers options available.

VICTORIAN CERTIFICATION OF EDUCATION (VCE)

Boort District School offers an extensive range of VCE subjects for students. The Victorian Certificate of Education is normally taken over two years, Years 11 and 12, and students generally attempt 22 units over the two years. Many of our Year 10 students, however, study some VCE units to further increase the breadth and depth of their studies.

VCE Units 1 and 2 are mainly chosen by Year 11 students, with some Year 10 students completing these units.

VCE Units 3 and 4 are mainly chosen by Year 12 students, with some Year 11 students completing these units, generally after completing the associated Unit 1/2 studies. There are still opportunities for students to select a subject without doing Unit 1/2 however consultation with the teacher is suggested.

A VCE course can also be combined with VET (Vocational Education and Training) Certificate II and III courses, offered through the North Central Trade Training Centre (NCTTC) and Bendigo Regional Institute of Technology (BRIT). School Based Apprenticeships, which are Part-Time Apprenticeships, can also run in conjunction with VCE. Both of these options allow significant time for students in the workplace.

VCE Student Program Requirements

VCAA has advised that to meet the graduation requirements of VCE, each continuing student must satisfactorily complete a total of no fewer than 16 units.

These units must include

- three units of English or English Literature, (Units 1, 2, 3 & 4)
- three sequences of Units 3 and 4 studies other than English (a sequence is Unit 3 followed by Unit 4 of the same subject)

These requirements are the **minimum** level of breadth for all students in order to gain the VCE and they meet the **minimum** entrance requirements for selection into tertiary courses.

A VCE course of study may lead to university entry, with an ATAR, TAFE, traineeships, apprenticeships or the workforce.

VOCATIONAL MAJOR PROGRAM

Boort District School is committed to meeting the needs of all students, including providing preparation for work through vocational education, training and work placement. This is now a part of the VCE, known as the Vocational Major. The purpose of this course of study is to improve the pathways for young people from secondary school to work and/or further education and training.

The Vocational Major has been designed with the needs of young people in Years 11 and 12 in mind. The certificate is accredited by the Victorian Qualifications Authority (VQA) and delivered as a part of the Victorian Certificate of Education (VCE). There is no ATAR provided for students who complete the Vocational Major.

VCE Vocational Major Program Requirements

- Three Literacy or VCE English units (including a Unit 3 and 4 sequence)
- Three other Unit 3 and 4 sequences
- At least two Numeracy or VCE Mathematics units
- At least two Work Related Skills units
- At least two Personal Development Skills units
- 180 hours of VET at Certificate II level or above
- Students can also include other VCE subjects and structured workplace learning.

Literacy and Numeracy units will be taught at Boort whilst the Work Related Skills and Personal Development units are taught at Charlton College.

VICTORIAN PATHWAYS CERTIFICATE (VPC)

The Victorian Pathways Certificate will be offered to students on a needs basis and can be taken on by Year 11-12 students as a lead into senior secondary schooling, VET entry or work. This is used as a transition tool as students move towards the Vocational Major.

VET IN SCHOOL STUDIES

VET in Schools studies allow the VCE to cater for a broader range of interests by providing opportunities for students to study approved vocational education and training courses. Students can graduate with a VCE qualification and a TAFE qualification.

Students interested in these programs should read the course outlines in the NCTTC/VET Programs Booklet and discuss their program with their Home Group Teacher, Mr Bleicher, Angela Poxon (NCLLEN Careers & Pathways Co-ordinator) or Mary-Ann Sait (NCLLEN Workplace Learning Co-ordinator).

SUBJECT DELIVERY OPTIONS

At Boort District School we pride ourselves on offering a wider variety of classes through our specialist teachers. We work very hard to ensure that as many students as possible get the subjects that they wish in their early selections.

The delivery of classes in person at Boort District School is our preferred method of delivery however in the event that insufficient numbers select a specific subject, we are unable to offer staff specific subjects or we do not have the necessary facilities to run a subject we have a number of different options for student.

North Central Trade Training Centre (NCTTC)

The North Central Trade Training Centre, based at Charlton College, provides Boort District School with a range of VET and Vocational Major course options. Students are provided with bus transportation to Charlton on Tuesdays and Thursdays, to complete these courses. There are separate handbooks available describing these.

Video Conferencing

In the event that we are unable to offer a particular subject in person at Boort District School we may be able to align with another school from our cluster to have delivery via video conferencing. This means that a teacher in one school teaches a small class in front of them and another small class at another location at the same time. There may need to be some travel to host schools in order to fill practical requirements in some classes.

Virtual School Victoria (VSV)

There may be situations that arise in terms of subject selection when Virtual School Victoria units are the only option for students to pick up specific courses. This may be due to subjects not running due to small student numbers, the absence of qualified teachers in that area or a clash in units that the students would like to complete.

Parents and students need to be aware that there is a cost involved in studying these units through the Virtual School Victoria. There is no guarantee that supervision will be available for students whilst completing these studies which means students need to be organised and able to manage the expectations that are placed on them.

VCE, VCE Vocational Major and VET subjects in North Central Cluster Schools

At Boort District School we offer the following subjects to students:

VCE Subjects (Units 1-4)

Art Subjects

- Art Making and Exhibiting
- Drama
- Visual Communication & Design

Commerce Subjects

- Accounting
- Business Management
- Legal Studies

English Subjects

- English
- English Literature

Health and Physical Education Subjects

- Health and Human Development
- Outdoor & Environmental Studies
- Physical Education

Humanities Subjects

- Australian & Global Politics
- Geography
- History

Mathematics Subjects

- Mathematics – General
- Mathematics – Methods
- Mathematics – Specialist

Science Subjects

- Biology
- Chemistry
- Physics
- Psychology

Technology Subjects

- Agriculture and Horticultural Studies
- Food Studies

VET – Certificate II & III (NCTTC)

- Agriculture
- Animal Studies
- Automotive
- Building & Construction
- Health Services
- Hospitality
- Engineering
- Community Services
- Sport & Recreation
- Beauty Services

VCE Vocational Major

- Vocational Literacy (BDS)
- Vocational Numeracy (BDS)
- Personal Development Skills (Charlton College)
- Work Related Skills (Charlton College)

More detailed information about these course structures are included later on in this handbook. The www.vcaa.vic.edu.au website also has detailed information.

In the event that a subject of interest is not listed above please see Mr. Bleicher (BDS) to discuss other options that may be available to you.

WORK PLACEMENTS

The Victorian Curriculum & Assessment Authority has determined that work placement is an appropriate component of all VET in Schools studies.

Work placement can be:

- A single day per week
- A block of time during school time or school holidays
- Before/after school or on weekends
- Students are paid a minimum of \$5.00 per day
- The student is covered by the DET for Workcover issues during their placement.

The benefits of work placements:

- Satisfy the workplace learning requirements of their VET in Schools studies
- Acquire skills and knowledge not easily acquired in schools
- Improve their organisational skills
- Develop workplace competencies, communication and interpersonal skills
- Develop an understanding about the culture of work
- Gain knowledge of employers' expectations
- Test out career interests
- Opportunities to work with equipment not available at school
- Experience new learning situations and develop new networks
- Make contacts that may assist with future occupational aspirations

SCHOOL BASED APPRENTICESHIPS

Headstart is a Department of Education program that works with CVGT, Skillinvest, Kangan TAFE Bendigo, Longeronong and Murray-Mallee Training to organise and track School Based Apprenticeships in:

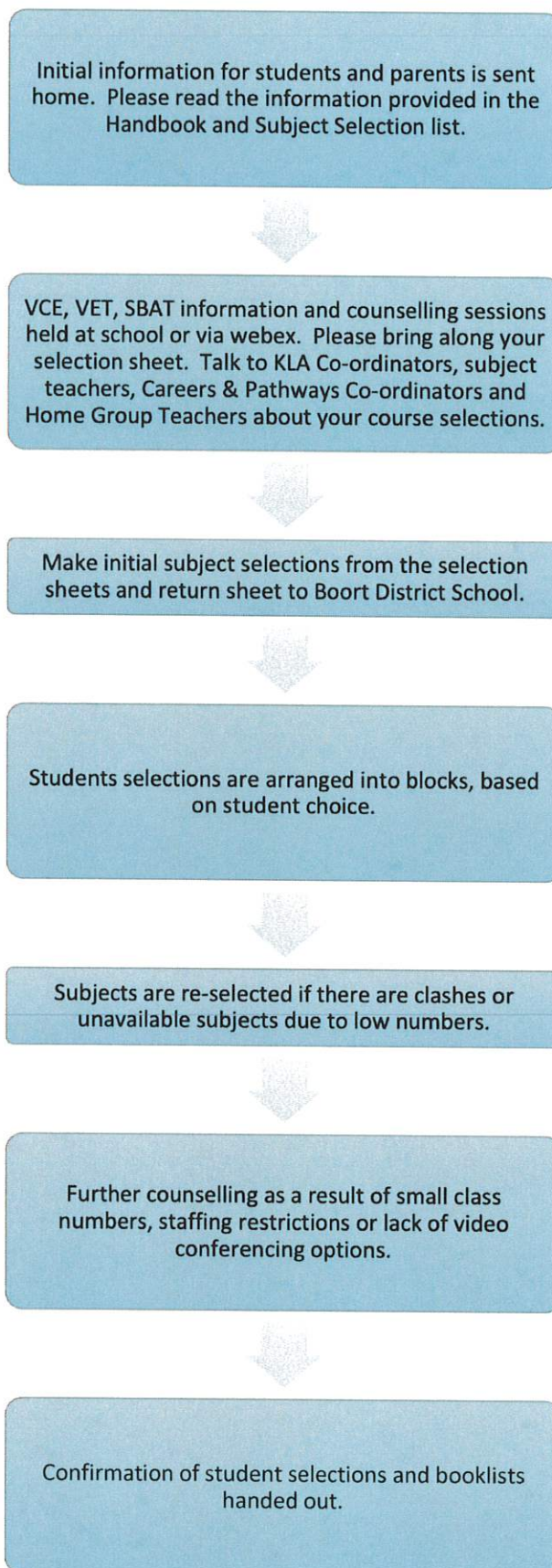
- Agriculture
- Automotive
- Community Services
- Engineering
- Horticulture
- Hospitality
- Other Industries at Certificate II or III level gain Block Credit in the VCE
- Information Technology
- Office Administration
- Retail
- Sport and Recreation
- Viticulture

Part-time Apprenticeships are recognised in the VCE and comprises of 3 main parts:

1. A VCE or VCE Vocational Major program delivered by the school.
2. A structured training program in partnership with a Registered Training Organisation
3. Part time paid work

Students interested should ideally have started a VET program in that area to “try it” and have a possible employer willing to take on a part-time employee in the chosen area lined up. Headstart can also assist in this process and follow the student through to after school. For more details, see the Mr Bleicher (BDS) or Angela Poxon/Mary-Anne Sait (NCLLEN).

Subject Selection Process



ART MAKING AND EXHIBITING UNITS 1-4

What's it all about?

VCE Art Making and Exhibiting introduces students to the methods used to make artworks and how artworks are presented and exhibited. Students will use inquiry learning to explore, develop and refine the use of materials, techniques and processes and to develop their knowledge and understanding of the ways artworks are made. They will learn how Elements and Principles are used to create aesthetic qualities and how ideas are communicated through visual languages. Their knowledge and skills evolve through the experience of making and presenting their own artworks and through the viewing and analysis of artworks by other artists.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Explore materials, techniques and art forms in art making.• Learn how to make, present and reflect on your own art making.• Investigate, research and present on Australian and Indigenous artists.	<ul style="list-style-type: none">• Understanding ideas behind artworks and exhibitions.• Develop your own themes, aesthetic qualities in your own art.• Resolve ideas and subjects whilst developing your own style.
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Collect inspirations, influences and images for your own art making process.• Extend your art making by critiquing and reflecting on your own artistic processes.• Connect your work by designing/curating your final art piece/s.	<ul style="list-style-type: none">• Refine and resolve your art whilst using the design process.• Plan and critique your own artworks and how these will be presented.• How to conserve and care for artworks

What type of things will I do?

In this course, students will be encouraged to use creativity and self-expression, whilst building up the confidence to develop and create their own art works. Each student will explore this by creating art, researching galleries and exhibitions, and learning about other artists' practices and concepts.

Why choose this subject?

Choose this subject if you are interested in learning about: Art and craft processes and techniques. How artists create their artworks. How to present your artwork.

What can this lead to?

The study of VCE Art Making and Exhibiting leads to opportunities across all facets of the arts industry such as professional artist, curator, workshops, art teaching, graphic designer, illustrator, fashion designer, cartoonist, game art, animation and photographer.

DRAMA UNITS 1-4

What's it all about?

The study of Drama focuses on the creation and performance of characters and stories in naturalistic and non-naturalistic ways. Students draw on a range of stimulus material and play-making techniques to develop and present devised work. Students also explore a range of performance styles and conventions, dramatic elements and stagecraft. They use performance and expressive skills to explore and develop role and character. Students analyse the development of their own work and performances by other drama practitioners.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Use acting and stagecraft in a devised ensemble performance• Evaluation of acting & stagecraft• Viewing a play	<ul style="list-style-type: none">• Use acting and stagecraft to devise a performance• Form and Style – non naturalism• Analyse the portrayal of stories
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Use stagecraft to self-devise a group ensemble in front of an audience• Analyse the play building process• Evaluate a professional drama practitioner	<ul style="list-style-type: none">• Create, develop and perform a self-devised solo performance• Theatrical brief on the creation of a solo performance

What type of things will I do?

Analyse plays, improvisation, devise performance pieces, acting workshops, interpret stagecraft, set construction, solo, theatre sports, make up and costume.

Why choose this subject?

Choose this subject if you are interested in learning about: Acting and Performance, Set Design, Lighting and Tech, Costume Design.

What can this lead to?

Completing Drama can lead to careers as a Designer, Artist, Playwright and Actor.

VISUAL COMMUNICATION AND DESIGN UNITS 1-4

What's it all about?

The Visual Communication Design course examines the way visual language can be used to convey ideas, information and messages in the fields of communication design, environmental design and industrial design. You will develop a critical understanding of visual communications and the ability to think creatively about design solutions. The course emphasises the importance of developing a variety of drawing skills to visualise thinking. You will undertake a series of design projects set in different contexts and employ a design process to generate visual communications in response to the given design briefs. You will have the opportunity to develop skills in a range of media, materials, and manual and digital methods of production

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Draw for different purposes using a range of methods, media, materials and technical skills• Apply design elements and principles to create visual communications• Understand the social and historical influences on visual communication design	<ul style="list-style-type: none">• Create presentation drawings following technical drawing conventions• Use type and images to create visual communications suitable for print/screen• Employ a design process to create a visual communication in response to a brief
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Analyse existing visual communications• Create new visual communications for specific contexts, purposes and audiences• Understand how visual communications are designed and produced in industry• Prepare a brief, undertake research and generate a range of ideas relevant to a brief	<ul style="list-style-type: none">• Develop design concepts, select and refine them to satisfy a brief• Produce final visual communication presentations• Devise a pitch to communicate design thinking

What type of things will I do?

Folios for design projects, technical drawing, computer aided visual communications, architectural drawings, use design elements & principles, visual analysis tasks, research and analysis.

Why choose this subject?

Choose this subject if you are interested in learning about: Illustration, Architecture, Product Design (Wood, Metal, Plastics), Graphic design, Design process.

What can this lead to?

VCD provides pathways to training and tertiary study in design and design-related studies, including graphic design, industrial (product) and architectural design and communication design, Engineering disciplines such as mechanical, production and civil, areas of the construction industry requiring an understanding of graphic communication.

ACCOUNTING UNITS 1-4

What's it all about?

VCE Accounting explores the financial recording, reporting, analysis and decision-making processes of a sole proprietor small business. Students study both theoretical and practical aspects of accounting. They collect, record, report and analyse financial data, and report, classify, verify and interpret accounting information, using both manual methods and information and communications technology (ICT). Students apply critical thinking skills to a range of business situations to model alternative outcomes and to provide accounting advice to business owners. In business decision-making, financial as well as ethical considerations (incorporating social and environmental aspects) should be taken into account.

NOTE: This study design should be completed in order. It is not recommended to change into late!

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Identify resources needed to establish and operate a business• Role of accounting• The Accounting Elements• Record and report financial information	<ul style="list-style-type: none">• Record and report for inventory• Evaluate businesses financial and non-financial performance and provide advice• Record and report credit transactions• Record and report for assets and depreciation
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Double entry recording and reporting of financial information• Record transactions into the General Journal and General Ledger• Enhance the decision-making process of a business	<ul style="list-style-type: none">• Record balance day adjustments• Focus on financial planning (budgeting)• Focus on decision-making (analysis of business performance)

What type of things will I do?

Recording financial data, reporting financial information, folio of exercises, stock market game, establishing own business, giving advice to business owners, calculations of financial indicators, controlling the stock and debts of a business.

Why choose this subject?

Choose this subject if you are interested in learning about; running your own business, saving for the future, managing your finances or a career in business.

What can this lead to?

VCE Accounting prepares students for a university or TAFE vocational study pathway to commerce, management and accounting, leading to careers in areas such as financial accounting, management accounting, forensic/investigative accounting, taxation, environmental accounting, management and corporate or personal financial planning.

BUSINESS MANAGEMENT UNITS 1-4

What's it all about?

VCE Business Management examines the ways businesses manage resources to achieve organisational objectives. It follows the process from the first idea of a business concept, to planning and establishing a business, the day-to-day management and also considers the changes that need to be made to ensure a business remains a viable entity. A range of management theories are considered and compared with contemporary case studies relevant to the curriculum content.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Personal motivation behind starting a business• Innovation, entrepreneurship and market opportunities• The contribution that businesses make to the economic and social well-being of a nation	<ul style="list-style-type: none">• An overview of the legal requirements for establishing a business• The features and values of building customer relations• Identification of staffing needs within a business• Employee and employer expectations
UNIT 3	UNIT 4
<ul style="list-style-type: none">• The key functional areas of a business including finance, human resources and sales and marketing• The different types of management styles and skills needed in business operations• Human Resource Management including wages, conditions, training and termination• Business Operations including material, quality and waste management	<ul style="list-style-type: none">• Identifying Need for Change.• The driving and restraining forces of change within a business• The importance of leadership in change management• Low and high-risk strategies when implementing change• Key principles of the Three Step Change Model• The effect of change on stakeholders

What type of things will I do?

Analyse case studies, experience running your own school based business, presentations, research assignments, case studies, guest speakers, determine key measurements of successful businesses, marketing campaigns, business plans, excursions to existing businesses.

Why choose this subject?

Choose this subject if you are interested in learning about: Running your own business, marketing, accounting, human resource, management or how businesses operate.

What can this lead to?

The study of VCE Business Management leads to opportunities across all facets of the business and management field such as small business owner, project manager, human resource manager, operations manager or executive manager. Further study can lead to specialisation in areas such as marketing, accounting, public relations and event management.

LEGAL STUDIES UNITS 1-4

What's it all about?

Legal Studies examines the justice system in Australia. Students learn about the concepts of justice and power, the origins and nature of Australia's legal system, law making bodies, criminal and civil laws, the court system, the jury and consequences for actions that breach laws. Students consider reasons why laws are necessary and the impact of the Commonwealth Constitution on the operation of the legal system. Students evaluate the strengths and weaknesses of law-making bodies, the processes used to influence change and reform and the effective operation of the Victorian legal system.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Legal foundations• Victorian court hierarchy• Proving guilt and the presumption of innocence• Criminal law and criminal offences• Sanctions	<ul style="list-style-type: none">• Civil Law• Dispute Resolution and Remedies• Human Rights
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Victorian Civil and Criminal Justice Systems• The roles of the judge, jury, legal practitioners and the parties,• The ability of sanctions and remedies to achieve their purposes• The rights of the accused and victims	<ul style="list-style-type: none">• The role of Parliament and the Australian Constitution in law• The relationship between the Parliament and the courts in law-making• Law Reform

What type of things will I do?

Analyse case studies, presentations, debates, visit the Magistrates/County court, extended responses, evaluate and analyse, visit Loddon Prison, visit Parliament, research assignments, mock trials.

Why choose this subject?

Choose this subject if you are interested in learning about: Crime, Courts, Parliament, Dispute resolution, Justice.

What can this lead to?

VCE Legal Studies equips students with an ability to research and analyse legal information and apply legal reasoning and decision-making skills. It also fosters critical thinking to solve legal problems. Further study in the legal field can lead to a broad range of career opportunities such as a solicitor, barrister, policy adviser, prosecutor, paralegal, legal assistant, as well as other careers in the courtroom, education and law enforcement.

ENGLISH UNITS 1-4

What's it all about?

The study of English supports students to read, write, speak and listen in different situations. Through focus on texts drawn from a range of times, cultures, forms and genres students engage with varied ideas and develop skills in responding to and creating original texts.

In each unit there are two Areas of Study, each requiring that you meet an Outcome. The Areas of Study are:

Area of Study 1- 'Reading and Exploring Texts' (Included in Units 1 – 4)

Area of Study 2- 'Crafting Texts'. (Included in Units 1 and 3)

Area of Study 2 – Exploring/Analysing Argument (Included in Units 2 and 4)

What will I learn?

UNIT 1:	UNIT 2:
<ul style="list-style-type: none"> • Consider and explore ideas within a text characters, text structures and language features of texts. • How to develop and write about personal connections to a text • Writing processes • How purpose, audience and context shape writing 	<ul style="list-style-type: none"> • Strategies and techniques for analytical writing • Language, visuals and structures used within texts for the purpose of persuasion • Annotation of text • Strategies for writing an analytical text response
UNIT 3:	UNIT 4:
<ul style="list-style-type: none"> • Explore how to analyse ideas, concerns and values as presented in a text, informed by the vocabulary, text structures and language features and how they make meaning. • Produce an analytical interpretation of this selected text. • Students demonstrate effective writing skills by producing their own texts; and explain their decisions made through the writing process. 	<ul style="list-style-type: none"> • Analyse explicit and implicit ideas, concerns and values presented in a text, informed by vocabulary, text structures and language features and how they make meaning. • Produce an analytical interpretation of this selected text. • Create an analytical response to argument in written form. • Construct a sustained and reasoned point of view on an issue currently debated in the media.

What type of things will I do?

Analyse mentor texts, write a personal response to a set text, craft (plan, draft and edit) own choice texts, reflect on writing processes, present a personal point of view text response, annotate persuasive texts and create analytical responses to persuasive and other texts, a point of view oral presentation.

Why choose this subject?

English (including Literature, English Language, EAL and English) is a compulsory component of VCE. Students must satisfactorily complete 3 units of VCE English with Units 3 and 4 undertaken as a sequence.

What can this lead to?

The study of VCE English leads to job opportunities across many different fields such as: Advertising and marketing, Author or Editor, Education, Health Promotion, Journalism, Law, Librarian and Teaching.

LITERATURE UNITS 1-4

What's it all about?

VCE Literature focuses on the meaning derived from texts, the relationship between texts, the contexts in which texts are produced and read, and the experiences the reader brings to the texts. We study a range of texts including poetry, plays, prose and film. VCE Literature looks at texts from different periods of time, and asks you to respond in a range of modes, including creative responses, to the ideas of those times. It gives you the tools to analyse and appreciate a wide range of literature, and introduces you to work that you may never otherwise have a chance to explore. If you already enjoy English, and you like reading and discussing your ideas, then Literature is for you.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• How to explore the concerns, ideas, style and conventions of a literary movement or genre• How to respond to a range of texts, (novels, poems, short stories, plays) through close analysis	<ul style="list-style-type: none">• How to explore and reflect on voices, perspectives and knowledge in the texts of Aboriginal and Torres Strait Islander authors and creators• How to analyse and respond to the representation of a specific time period and/or culture explored in a text and discuss ideas and concerns in a text
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Analyse how meaning changes when the form of a text changes• How to explore the different ways we can read and understand a text by developing, considering and comparing interpretations of a set text	<ul style="list-style-type: none">• How to respond creatively to a text and comment critically on both the original text and the creative response• How to examine literary focus, features and language through close analysis to present a coherent view of a whole text

What type of things will I do?

Discuss texts and their ideas and concerns. Interpret and evaluate the views and values of a variety of texts. Write in a variety of modes, including creative and analytical responses and verbal presentations.

Why choose this subject?

Choose this subject if you are interested in learning about: Reading, Writing, Stories, Philosophy, Social issues.

What can this lead to?

The study of VCE Literature leads to job opportunities across many different fields such as: Advertising and marketing, Author or Editor, Education, Health Promotion, Journalism, Law, Librarian and Teaching.

HEALTH & HUMAN DEVELOPMENT UNITS 1-4

What's it all about?

VCE Health and Human Development subject looks to investigate how health, human development and wellbeing needs to be promoted at the individual, community, national and global levels, to get the best possible health outcomes. This subject in particular promotes the role nutrition and health promotion campaigns play in influencing both health status and human development.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Health and Wellbeing• Health status of Australians• Food and Nutrition• Major nutrients & Food selection models• Youth health programs	<ul style="list-style-type: none">• Developmental transitions from youth to adulthood• Healthy relationships• Health & wellbeing as a intergenerational concept• Health Care system in Australia• Individual's rights & responsibilities
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Understanding Health and Wellbeing• Pre-requisites for Health• Variations between population groups in Australia• Progression of public health• Australian Health System• Promoting health & wellbeing	<ul style="list-style-type: none">• Health and wellbeing in a global context• Similarities and differences between countries• Sustainability• Sustainable Development Goals• Australia's Aid Program• Promotion of Health and Wellbeing and Human Development

What type of things will I do?

Case studies, data analysis, guest speakers, investigation projects, media analysis, written responses, written reports, structured questions, annotated posters, concept/mind maps.

Why choose this subject?

Choose this subject if you are interested in learning about: Health, Nutrition, Promotion of Health (Australia), Promotion of Health (Globally), Lifespan stages.

What can this lead to?

Nutritionist, Nursing, Childcare, Teaching, Youth/Welfare and Social Service, Health Science, Occupational Therapy, Health and fitness industry, Health Promotion, Allied Health Professional.

OUTDOOR & ENVIRONMENTAL STUDIES UNITS 1-4

What's it all about?

VCE Outdoor and Environmental Studies is concerned with the way humans interact with and relate to outdoor environments. The study enables students to make informed comments on questions of environmental sustainability and to understand the importance of environmental health, particularly in local contexts. The study also examines human impacts on outdoor environments and nature's impact on humans.

Practical outdoor experiences are a component of this course, please note that camps/excursions will be charged separately through the year (approx \$500 a semester).

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Types of environments• Motivations for seeking outdoor experiences• How individuals understand nature• Technology in the outdoors• Risk Taking and Risk Management• Safety and First Aid	<ul style="list-style-type: none">• Characteristics of outdoor environments• Vocational perspectives of outdoors• Environmental impacts• Threats to natural environments• Trip Planning• Weather
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Historical relationships with outdoor environments• Environmental Movements• Contemporary Relationships with outdoor environments• Environmental Politics and methods to influence decision makers	<ul style="list-style-type: none">• Sustainability• Characteristics of healthy environments• Importance of and threats to natural environments• Land Management Strategies, Acts and Conventions• Individual and Community Action to sustain healthy environments.

What type of things will I do?

Theory activities will include oral presentations, guest speakers, tests, research assignments, case studies and investigations.

Practical Activities could include rock climbing, sea kayaking, mountain bike riding, canoeing, skiing, bushwalking, snorkelling among other activities.

Why choose this subject?

Choose this subject if you are interested in learning about: Outdoor activities, Environmental issues, Conservation, Outdoor Environments, Tourism.

What can this lead to?

Outdoor and Environmental Studies offers students a range of pathways including further formal study in areas where interaction with outdoor environments is central, such as natural resource management, nature-based tourism, outdoor leading and guiding, environmental research and policy, education, and agriculture.

PHYSICAL EDUCATION UNITS 1-4

What's it all about?

VCE Physical Education explores the complex interrelationships between anatomical, biomechanical, physiological and skill acquisition principles to understand their role in producing and refining movement. It further examines behavioural, psychological, environmental and sociocultural influences on participation in physical activity and performance.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• How does the musculoskeletal system work to produce movement?• How does the cardiorespiratory system function at rest and during physical activity?	<ul style="list-style-type: none">• What are the relationships between physical activity, sport, health and society?• What are the contemporary issues associated with physical activity and sport?
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Characteristics of skills, stages of learning and improving skills• Biomechanical concepts and principles of movement• How does the body produce energy?• Acute responses to exercise	<ul style="list-style-type: none">• What are the foundations of an effective training program?• How is training implemented effectively to improve fitness?• Chronic adaptations to training

What type of things will I do?

Practical classes, investigation projects, games analysis, training program, peer teaching, coaching, practical laboratories and data analysis.

Why choose this subject?

Choose this subject if you are interested in learning about: The Human Body, Body Systems, Energy and how it is produced, Analysing and enhancing performance, Practical Activities and Recovery techniques.

What can this lead to?

Physical Education Teacher, Fitness Industry/Instructor, Sports Coaching, Sports Administration, Physiotherapist, Occupational Therapist, Sports Science, Biomechanist, Sports Psychologist, Paramedic, Nurse and Doctor.

AUSTRALIAN AND GLOBAL POLITICS UNITS 1-4

What's it all about?

VCE Australian and Global Politics is the study of contemporary power at both national and global levels. Through this study students explore, explain and evaluate national and global political issues, events, debates, crises and responses. Politics offers students the opportunity to engage with key political, social and economic issues and to become informed and active citizens on a local, national and international stage. Politics is the study of international relations between states and other global actors, including intergovernmental organisations, non-state actors and transnational corporations. Politics at Unit 1 level will include the study of Australian political power and actors.

What will I learn?

UNIT 1: IDEAS, ACTORS AND POWER	UNIT 2: GLOBAL CONNECTIONS
<ul style="list-style-type: none"> • Power and ideas – the political spectrum, ideologies, political systems, characteristics of democratic and non-democratic political systems • Political actors and power – political parties, interest groups, the media • Case study countries include Australia, China, Turkey, the United States of America, and Australian political parties and interest groups 	<ul style="list-style-type: none"> • Global links - global connectedness, globalisation, global ethics • Global cooperation and conflict - health, people movement, disarmament, international crime, aid relating to disasters, border disputes, war, separatism, terrorism, human rights, the environment • Case studies include Apple, Facebook, Nike, McDonald's, ISIS, the Kurds, and the wars in Syria and Ukraine
UNIT 3: GLOBAL ACTORS	UNIT 4: GLOBAL CHALLENGES
<ul style="list-style-type: none"> • Global actors – states, intergovernmental organisations, non-state actors and transnational corporations • Case studies include the United Nations, the International Criminal Court, the International Monetary Fund, Amnesty International, ISIS, Royal Dutch Shell, Ukraine and the European Union • Power in the Asia-Pacific – Australia, the United States of America, China, Indonesia and Japan, with China being a major focus 	<ul style="list-style-type: none"> • Ethical issues and debates - human rights, people movement, development, arms control • Global crises and responses - armed conflict, terrorism, climate change, economic instability • Case studies include: ISIS; North Korea; the wars in Syria, Ukraine and Yemen; the European migrant crisis; the Arms Trade Treaty; the Nuclear Non-Proliferation Treaty; and the Convention relating to the Status of Refugees

What type of things will I do?

Research, case study reports, following national and international news media, videos, quizzes, multimedia presentations, class discussions.

What can this lead to?

Diplomat, immigration officer, journalist, public relations officer, librarian, solicitor, a career in defence, teacher, working for a government or political party, a media career, social researcher, intelligence or humanitarian work with various national or international organisations, including the Australian Security Intelligence Organisation (ASIO) and the United Nations (UN).

Why choose this subject?

Choose this subject if you are interested in learning about the world and issues at a national, international and global level, and perhaps if you have an interest in History of Geography. The study of Politics will enable you to broaden your knowledge of world events and political interactions, and develop your skills of problem solving, planning, organising, analysis, argument, and communication skills, which can lead to a range of higher education or workplace destinations that interest you.

GEOGRAPHY UNITS 1-4

What's it all about?

Through the study of Geography students learn to participate effectively as global citizens. Geography addresses the key questions of: What is there? Where is it? Why is it there? What are the effects of it being there? How is it changing over time? How could, and should it change in the future? VCE Geography enables students to examine natural and human induced phenomena, how and why they change, their interconnections and the patterns they form across the Earth's surface. In doing so, students develop a better understanding of their own place and its spaces and those in other parts of the world. Fieldwork is a part of Geography at Units 1-3.

What will I learn?

UNIT 1: HAZARDS AND DISASTERS	UNIT 2: TOURISM
<ul style="list-style-type: none">• Characteristics of hazards, including impacts at a range of scales• Responses to hazards and disasters, including prevention and mitigation of disasters• Hazards and disasters studied include earthquakes, volcanoes, tsunamis, landslides, avalanches, floods, hurricanes and bushfires• Case study countries will include Japan and fieldwork will be carried out at around Marysville, based on the 2009 Black Saturday bushfires	<ul style="list-style-type: none">• Characteristics of tourism, including the location and distribution of different types of tourism• Impacts of tourism, including environmental, economic and socio-cultural impacts of different types of tourism• Impacts of terrorism and COVID-19 on tourism• Case study countries will be Vietnam and Italy• Fieldwork will be carried out at a Victorian tourism location
UNIT 3: CHANGING THE LAND	UNIT 4: HUMAN POPULATION
<ul style="list-style-type: none">• The processes and impacts of land use change• Global land cover change, including melting glaciers and ice sheets, and deforestation• Case study locations will include Greenland (melting glaciers and ice sheets) and Cameroon (deforestation)	<ul style="list-style-type: none">• Population dynamics and population movements, including forced and voluntary migration, with the wars in Syria and Ukraine being a focus, along with people movement from Africa into Europe• Population issues and challenges, including a case study of an ageing (Germany) and growing (Niger) population and reasons for differences in population

What type of things will I do?

Fieldwork; reading and interpreting geographical media such as maps, graphs, tables, satellite images and photographs; multimedia presentations; mapping; research reports; videos; quizzes; class discussions.

What can this lead to?

Environmental management and policy, urban planning, surveying, conservation, resource management, international development, meteorology, cartography, tourism, marine biology, teaching, geographical information systems, humanitarian work, politics landscape architecture.

Why choose this subject?

Choose this subject if you are interested in learning about the world and geographical issues at a national, international and global level. The study of Geography will enable you to broaden your knowledge of people and places around the world, including a variety of countries, cultures, environments and processes, with a strong focus on mapping. You will have the opportunity to enhance your skills in the areas of problem solving, planning, organising, and communication.

HISTORY UNITS 1-4

What's it all about?

History is the practice of understanding and making meaning of the past. Students learn about the historical past and the people, ideas and events that have created and shaped societies and cultures. Students will develop their understanding of historical events through a combination of written, oral and visual forms, and are encouraged to make links between contemporary and historical events. The VCE History course covers topics ranging from the French Revolution in the 1700s, through to the Russian Revolution, Cold War and Civil Rights Era of the 20th Century.

What will I learn?

UNIT 1: CHANGE AND CONFLICT <ul style="list-style-type: none">• Exploring social, cultural and political change in the first half of the 20th century, with a focus on ideology and conflict• The focus of the unit will be the rise of Hitler and the Nazi Party in Germany, with topics studied including Germany following World War I, life in Nazi Germany, the lead up to World War II, and the Holocaust	UNIT 2: CHANGING WORLD ORDER <ul style="list-style-type: none">• Exploring social, cultural and political change in the second half of the 20th century, with a focus on challenge and change• The Cold War, including the Berlin Wall, Cuban Missile Crisis and Vietnam War• The Civil Rights Era and beyond in the United States of America, including the role of the Ku Klux Klan, civil rights leaders such as Martin Luther King, the film <i>Mississippi Burning</i>, and the 1992 Los Angeles Riots
UNIT 3: FRENCH REVOLUTION <ul style="list-style-type: none">• The causes of the French Revolution• The extent of change brought to France as a consequence of the revolution• Topics including the role of King Louis XVI and Marie-Antoinette, the Storming of the Bastille, the Great Terror, and the French Revolutionary Wars	UNIT 4: RUSSIAN REVOLUTION <ul style="list-style-type: none">• The causes of the Russian Revolution• The extent of change brought to Russia as a consequence of the revolution• Topics including the role of Tsar Nicholas II and Alexandra, Bloody Sunday, Russia's World War I involvement, Rasputin, Vladimir Lenin and the Bolshevik (Communist) Party, and the Russian Civil War

What type of things will I do?

Film reviews, research, essays, short reports, responses to written and visual sources, biographical studies, multimedia presentations, class discussions, videos, quizzes.

What can this lead to?

Employment in the areas of writing, academic research, heritage and conservation, museums, teaching, libraries, archaeology, journalism and politics. Universities and TAFE courses in arts, humanities, international studies and education.

Why choose this subject?

Choose this subject if you are interested in learning about historical events, people and movements, politics, power and resistance, and society and change. Also choose this subject if you are interested in the impact that historical events have on today's world. You will have the opportunity to enhance your skills in the areas of problem solving, planning, organising, and communication, which can lead to a range of higher education or workplace destinations that interest you.

GENERAL MATHS UNITS 1-4

What's it all about?

General Maths Units 1-4 courses are made up of a prescribed topics. This subject is intended to be widely accessible by many different types of mathematics students. All topics are non-calculus based and are designed to provide general preparation for employment or further mathematical study, particularly where data analysis, financial maths and number patterns are important. Units 1 and 2 are recommended for Units 3 and 4. CAS Technology is an integral part of these units.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Investigating and comparing data distributions• Recurrence relations and financial mathematics• Linear functions, graphs, equations and models• Matrices	<ul style="list-style-type: none">• Investigating relationships between two numerical variables• Graphs and networks• Variation• Space and Measurement
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Data analysis• Recursion and financial modelling	<ul style="list-style-type: none">• Matrices• Networks and decision mathematics

What type of things will I do?

Investigate data, graph data and determine key values to discuss the data sets; learn financial literacy and use various strategies to solve real-world problems related to money; use diagrams and matrices to represent social and physical networks and learn mathematical strategies to solve problems involving them; use networks to model situations and investigate these in order to make decisions and to make predictions for the future.

Why choose this subject?

This subject provides a broad study of mathematics, encompassing many different non-calculus-based topics. It is catered to a wide range of students and is intended to provide the foundational knowledge for a variety of different types of maths. This subject builds on numeracy skills learned in previous years of secondary school and is a prerequisite for many tertiary courses.

What can this lead to?

Careers in: Construction, Design, Business and Commerce, Healthcare (including Nursing, Psychology, Health Sciences), Arts, Humanities, Education, Sport Science, Social Work, Information Technology, Law, International Studies.

MATHEMATICAL METHODS UNITS 1-4

What's it all about?

Mathematical Methods Unit 1-2 involve the study of simple algebraic functions, and the areas of study are 'Functions, relations and graphs', 'Algebra, number and structure', 'Calculus' and 'Data analysis, probability and statistics'. Unit 3 & 4 extend the introductory study of simple functions of a single real variable, to include combinations of these functions, algebra, calculus, probability and statistics, and their applications in a variety of practical and theoretical contexts. Units 1 and 2 are highly recommended for Units 3 and 4. CAS Technology is an integral part of these units.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Quadratic and higher power polynomial functions.• Algebra, number & structure of functions.• Exponential functions• Transformations of graphs	<ul style="list-style-type: none">• Logarithmic functions• Calculus• Application of calculus• Integration• Statistics and Probability
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Functions and relations• Algebra, number & structure• Calculus• Application of calculus	<ul style="list-style-type: none">• Integration• Application of integration• Data analysis, probability and statistics

What type of things will I do?

Sketch and interpret graphs of various functions. Investigate transformations of graphs including: dilations, reflections and translations. Learn about calculus and its application to a variety of problems. Investigate the probability of events and statistics. Use CAS and other technology in applications. Complete assignments, tests, problem solving and application tasks.

Why choose this subject?

Choose this subject if you are interested in learning about these areas of mathematics. The majority of higher end science, mathematics and business degrees will likely require mathematical methods as a prerequisite. Taking it at school can streamline entry to those courses. For others it's not a prerequisite but having it under your belt sure makes university maths courses much easier.

What can this lead to?

Methods provides background for further study in science, engineering, humanities, economics, software and gaming development and medicine, etc.

SPECIALIST MATHS UNITS 1-4

What's it all about?

Specialist Maths Units 1-4 are made up of a prescribed topics designed for students interested in the advanced study of mathematics. Units 1 and 2 are recommended for Units 3 and 4 and are in conjunction with Mathematical Methods Units 1-4.

CAS Technology is an integral part of these units.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Sets Sequences, Series and Proofs• Logic and algorithms• Permutations, Combinations• Matrices• Trigonometry	<ul style="list-style-type: none">• Sampling Distributions• Further Trigonometry• Vectors• Complex numbers• Graphing
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Logic and Proof• Complex Numbers• Differential Calculus• Rational Graphs	<ul style="list-style-type: none">• Integral Calculus• Differential Equations• Kinematics and parametric graphs• Vector Calculus• Probability and statistics

What type of things will I do?

Sketch and interpret graphs, learn about and use complex numbers, vectors, geometry, differential equations, calculus and trigonometry to a variety of problems. Simulate events and calculate sample statistics. Use CAS and other technology in applications. Complete assignments, tests, problem solving and application tasks.

Why choose this subject?

Choose this subject if you are interested in learning about how these areas of mathematics can be used to model problems faced by engineers, computer software and games developers, statistical analysts, GPS designers.

It is strongly recommended you do this subject if you are interested in pursuing any engineering, physics or science courses.

What can this lead to?

Careers in: Engineering- Civil, Electrical, Aerospace, Vehicle, Astrophysics, Biomedicine, Software Development, Computer Sciences, Statistical Research, Data Analysis, Finance, Accounting, Economics, Health Sciences.

BIOLOGY UNITS 1-4

What's it all about?

Biology is the study of life and all its facets, from the tiniest single cell to the planetary sized ecosystem and everything in between. Biology seeks to understand how life (and sometimes non-life) works, helping us understand the roles, mechanisms and interplay of everything around us, between us and inside us! Biology is applied to everything in the world, leading to advancement in biotechnology, medicine, agriculture, sport, history and so much more.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• What are cells and how do they function? The life, death and specialisation of cells.• What are stem cells and what do we use them for, is it ethical?• How do plants and plant systems work?• How do organs and organ systems work inside our body?	<ul style="list-style-type: none">• What are genetics and how can we use them to predict what traits someone will have?• How do we clone organisms, from plants to sheep?• How do animals survive in different environments and why do they all look so different?
UNIT 3	UNIT 4
<ul style="list-style-type: none">• What is DNA and how does it make us who we are?• How is DNA used in forensic and medical biotechnology?• How is the newest cutting edge gene editing changing the world (and making glow in the dark rabbits)?• How do organisms obtain energy to live? Photosynthesis and Cellular Respiration.	<ul style="list-style-type: none">• How does our immune system protect us from infection and disease?• How is our medical technology evolving to protect us in a viral world?• What is evolution, and how has life evolved to what it is today?• How have humans evolved from our earliest ancestors and spread out across the globe

What type of things will I do?

Lots of modelling to see how biological processes work – including experiments, role play simulations, games, modelling activities and demonstrations. As well as ethical discussions, research tasks, problem solving tasks and a student designed investigation.

Why choose this subject?

Choose this subject if you have a curious nature about how the world around you works, from plants to animals to humans. If you would like to know how DNA makes up who you are and how we use DNA to do everything from solving crimes, to testing for covid or even how cutting-edge gene editing is making rabbits that glow in the dark. If you have an interest in the inner workings of the human body and how the immune system protects us from infection and disease. If you have an interest in how life has evolved and adapted to what it is today.

What can this lead to?

Careers in: Medicine, botany, genetics, immunology, biotechnology, microbiology, zoology, climate science, forensic science, materials science, health, neuroscience, renewable energy, sports science, agriculture and pharmacology. In addition, biology is applied in many fields of human endeavour including bioethics, dentistry, ecology, education, food science, forestry, health care, horticulture, optometry, physiotherapy and veterinary science. Biologists work in cross-disciplinary areas such as, geology, bushfire research, and environmental management and conservation.

CHEMISTRY UNITS 1-4

What's it all about?

Chemistry involves the studying the composition and behaviour of matter, and the chemical processes for producing useful materials for society in ways that minimise effects on human health and the environment. Chemistry underpins the generation of energy, the maintenance of clean air and water, the production of food, medicines and new materials and the treatment of wastes.

What will I learn?

UNIT 1 – How can the diversity of materials be explained? <ul style="list-style-type: none">• How do the chemical structures of materials explain their properties and reactions?• How are materials quantified and classified?• How can chemical principles be applied to create a more sustainable future?	UNIT 2 – How do chemical reactions shape the natural world? <ul style="list-style-type: none">• How do chemicals interact with water?• How are chemicals measured and analysed?• How do quantitative scientific investigations develop our understanding of chemical reactions?
UNIT 3 – How can design and innovation help to optimise chemical processes? <ul style="list-style-type: none">• What are the current and future options for supplying energy?• How can the rate and yield of chemical reactions be optimised?	UNIT 4 – How are carbon-based compounds designed for purpose? <ul style="list-style-type: none">• How are organic compounds categorised and synthesised?• How are organic compounds analysed and used?• How is scientific inquiry used to investigate the sustainable production of energy and/or materials?

What type of things will I do?

Experiments including student-designed investigations, modelling, problem solving, report writing, demonstrations, role plays, critical thinking, using mathematical skills, tests, research assignments.

Why choose this subject?

Choose this subject if you are interested in learning about: the structure and understanding of matter and its interaction with energy, as well as key factors that affect chemical systems, to explain the properties, structures, reactions and related applications of materials in society, and to understand how chemical systems can be controlled to develop greener and more sustainable processes for the production of chemical and energy while minimising the effects on human health, the environment and the considerations of wastes.

What can this lead to?

Careers in: organic chemistry, inorganic chemistry, analytical chemistry, physical chemistry and biochemistry. In addition, chemistry is applied in many fields of human endeavour including agriculture, bushfire research, dentistry, dietetics, education, engineering, environmental science, forensic science, forestry, horticulture, medicine, metallurgy, meteorology, nursing, pharmacy, sports science, toxicology, veterinary science and viticulture.

PHYSICS UNITS 1-4

What's it all about?

Physics is the study of the laws of nature that govern the behaviour of the universe, from the very smallest scales of sub-atomic particles to the very largest scales of cosmology. It applies these laws to the solution of practical problems and to the development of new technologies. Physics is at the heart of almost every facet of modern life.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• How is energy useful to society?• How are light and heat explained?• How is energy from the nucleus utilised?• How can electricity be used to transfer energy?	<ul style="list-style-type: none">• How does physics help us to understand the world?• How is motion understood?• How does physics inform contemporary issues and applications in society?• How do physicists investigate questions?
UNIT 3	UNIT 4
<ul style="list-style-type: none">• How do fields explain motion and electricity?• How do physicists explain motion in two dimensions?• How do things move without contact?• How are fields used in electricity generation?	<ul style="list-style-type: none">• How have creative ideas and investigation revolutionised thinking in physics?• How has understanding about the physical world changed?• How is scientific inquiry used to investigate fields, motion or light?

What type of things will I do?

Experiments including student-designed investigations, modelling, problem solving, report writing, demonstrations, role plays, critical thinking, using mathematical skills, tests, research assignments.

Why choose this subject?

Choose this subject if you are interested in learning about: The structure of the Universe, explaining the nature of light, forces, energy and matter, the motion of objects, using Einstein's special theory of relativity, understanding electrical devices and how they work, relating thermodynamics to climate change, and developing your experimental and problem-solving skills.

What can this lead to?

Careers in: Acoustics, astrophysics, atmospheric physics, computational physics, communications, education, engineering, geophysics, instrumentation, lasers and photonics, medical diagnosis and treatment, mining, nuclear science, optics, pyrotechnics and radiography. Physicists also work in cross-disciplinary areas such as bushfire research, climate science, forensic science, materials science, neuroscience, remote sensing, renewable energy generation, sports science and transport and vehicle safety.

PSYCHOLOGY UNITS 1-4

What's it all about?

Psychology is a multifaceted discipline that seeks to describe, explain, understand and predict human behaviour and mental processes. Within this approach, different perspectives, models and theories are considered including how physiology influences individuals through exploring concepts such as hereditary and environmental factors, nervous system functioning and the role of internal biological mechanisms. How the diverse range of cognitions, emotions and behaviours influence individuals and groups as well as factors such as cultural considerations, environmental influences, social support and socioeconomic status are explored.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• What is the process of psychological development?• What is neurodiversity and how does it affect thinking?• What do different parts of the brain do?• What can happen if you damage parts of a brain?	<ul style="list-style-type: none">• What are attitudes and how do we get them?• Why do people behave in different ways?• How do we make sense of the world around us?• How do we pay attention and also get distracted?
UNIT 3	UNIT 4
<ul style="list-style-type: none">• How does the brain communicate with the body and learn?• What effect can stress have on our lives?• What are the patterns of learning either consciously or unconsciously?• How does memory work and why do we forget some things?	<ul style="list-style-type: none">• Why do we sleep and how does it affect our brain?• What are the issues that can arise due to a lack of sleep?• What is mental wellbeing and how can I maintain it?• How are phobias learned and what can we do about them?

What type of things will I do?

Conducting and evaluating experiments, dissections, modelling activities and demonstrations as well as ethical discussions, research tasks, problem solving tasks and a student designed investigation.

Why choose this subject?

Choose this subject if you would like to understand yourself better, from analysing how our brain thinks and perceives to the patterns of memory, learning and our senses as well as the social and personality factors influencing thinking and behaviour. Insights into mental health and wellness and links to sleep patterns and stress can also shine a light on your own experiences as you encounter different challenges and opportunities. These things can be applied to help people lead more satisfying and meaningful lives.

What can this lead to?

Areas that registered psychologists may work in include clinical, developmental, educational, environmental, forensic, health, neuropsychology, sport and exercise, and organisational psychology. Careers and roles that do not involve being a registered psychologist, include roles in aged, family and child services; case managers; communications specialists; counsellors; community health and welfare roles; health services support roles; human resource specialists; managers; marketing and market research roles; office administration roles; policy and planning roles; probation and parole services roles; and social work and teaching roles.

AGRICULTURAL AND HORTICULTURAL STUDIES UNITS 1-4

What's it all about?

VCE Agricultural and horticultural studies takes an interdisciplinary approach to food and fibre production, with a focus on land cultivation and the raising of plants and animals through evidence-based, sustainable and ethical practices from local, state, national and global perspectives.

What will I learn?

UNIT 1 – Change and opportunity <ul style="list-style-type: none">• Food and fibre industries• Food and fibre production	UNIT 2 – Growing plants and animals <ul style="list-style-type: none">• Plant nutrition, growth and reproduction• Animal nutrition, growth and reproduction
UNIT 3 – Securing the future <ul style="list-style-type: none">• Innovations and solutions• Risks and resilience	UNIT 4 – sustainable food and fibre production <ul style="list-style-type: none">• Sustainable land management• Sustainable business practices

What type of things will I do?

Plant and/or animal management, experiential field trips, scientific trials, experiments and data analysis, business or entrepreneurial practices on value-adding activities, investigative reporting on best practice.

Why choose this subject?

Choose this subject if you are interested in learning about: sustainable agricultural and horticultural systems within current economic, social and environmental contexts, in view of ethical considerations.

What can this lead to?

Careers in: The broad, applied nature of VCE agriculture and horticultural studies prepares students for careers in agriculture, horticulture, land management, agricultural business practice and natural resource management. This subject complements the skills focus of nationally recognised VCE/VET agriculture, horticulture, conservation and land management programs.

FOOD STUDIES UNITS 1-4

What's it all about?

VCE Food Studies is about exploring food from a wide range of perspectives. Investigating past and present patterns of eating, Australian and global food production systems, and the many physical and social functions and roles of food. Students research sustainability and the legal, economic, psychological, sociocultural, health, ethical and political dimensions of food, and critically evaluate information, marketing messages and new trends.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Food from a historical and cultural perspective• Origins and roles of food through time across the World• Food in Australia• Look at the influence of innovations, technologies and globalisation on food patterns	<ul style="list-style-type: none">• Australia's Food Systems• Domestic and small-scale settings• Food in the Home• Challenges of developing and using practical skills in daily life
UNIT 3	UNIT 4
<ul style="list-style-type: none">• The Science of Food• Science of food appreciation• Influences on Food Choice• Eating patterns• Catering for various dietary needs	<ul style="list-style-type: none">• Navigating food information and misinformation• Relationship between food security, food sovereignty and food citizenship• Issues about the environment, climate, ecology, ethics, farming practices.

What type of things will I do?

Practical activities are integral to Food Studies and include comparative food testing, cooking, creating and responding to design briefs, demonstrations, dietary analysis, nutritional analysis, product analysis, scientific experiments and sensory analysis (including taste testing and use of focus groups).

Why choose this subject?

Choose this subject if you are interested in learning about: Food, Nutrition, Food Safety, Design Process, Cooking.

What can this lead to?

Food Science, Food Technology, Home Economist, Nutrition and Health Studies, Child Care, Education, Community Services, Aged Care, Hospitality, Food Policy Officer/Advisor, Food Manufacturing, Agriculture.

VOCATIONAL MAJOR LITERACY UNITS 1-4

What's it all about?

The study of Literacy enables students to develop their everyday literacy skills through thinking, listening, speaking, reading, viewing and writing to meet the demands of the workplace, the community, further study and their own life skills, needs and aspirations.

Students participate in discussion, exploration and analysis of the purpose, audience and language of text types and content drawn from a range of local and global cultures, forms and genres, including First Nations peoples' knowledge and voices, and different contexts and purposes. They will discuss and debate the ways in which values of workplace, community and person are represented in different texts and present ideas in a thoughtful and reasoned manner.

What will I learn?

UNIT 1	UNIT 2
<ul style="list-style-type: none">• Literacy for Personal Use• Understanding and Creating Digital Texts	<ul style="list-style-type: none">• Understanding issues and voices• Responding to Opinions
UNIT 3	UNIT 4
<ul style="list-style-type: none">• Accessing and understanding informational, organisational and procedural texts• Creating and responding to organisational, informational and procedural texts.	<ul style="list-style-type: none">• Understanding and engaging with Literacy for advocacy• Speaking to advertise and advocate

What type of things will I do?

Students will read or watch a variety of texts for a personal purpose, such as finding information. Texts may include film, TV, online videos, song, poetry, biographies and digital content, and other texts of interest to the cohort. Students will develop their capacity to critically assess digital texts, including webpages for vocational and workplace settings, podcasts and social media. Local projects involving groups and businesses will also be part of our focus.

Why choose this subject?

The VCE Vocational Major Literacy study provides students with the opportunity to engage in a range of learning activities that build students employability skills: Communication; Planning and organising; Teamwork; Problem solving; Self-management; Initiative and enterprise; Technology; and Learning.

What can this lead to?

Vocational Major studies is designed for students who do not wish to go to University but would like to apply their education to work related situations. Therefore, these studies can be modified to meet the needs of students and adjusted towards future occupations to develop positive employability skills.

VOCATIONAL MAJOR NUMERACY UNITS 1-4

What's it all about?

Students will develop their numeracy practices to make sense of their personal, public and vocational lives. They will develop mathematical skills with consideration of their local, community, national and global environments and contexts, and an awareness and use of appropriate technologies.

These units provide students with the fundamental mathematical knowledge, skills, understandings and dispositions to solve problems in real contexts for a range of workplace, personal, further learning and community settings relevant to contemporary society.

What will I learn?

UNIT 1 -4

- Area of Study 1: Number
- Area of Study 2: Shape
- Area of Study 3: Quantity and measures
- Area of Study 4: Relationships
- Area of Study 5: Dimension and direction
- Area of Study 6: Data
- Area of Study 7: Uncertainty
- Area of Study 8: Systematics

What type of things will I do?

Within these units, students will cover mathematical knowledge and skills based in the following contexts:

- a) Personal numeracy
- b) Civic numeracy
- c) Financial numeracy
- d) Health numeracy
- e) Vocational numeracy
- f) Recreational numeracy

Why choose this subject?

The VCE Vocational Major Numeracy will develop your personal and practical numeracy life skills. You will apply knowledge and skills in practical settings such as workplaces and community-based activities.

What can this lead to?

The VCE Vocational Major offers a pathway into: apprenticeships, traineeships, further education and training, university (through alternative entry programs) and employment.

VOCATIONAL MAJOR PERSONAL DEVELOPMENT SKILLS

What's it all about?

VCE Vocational Major Personal Development Skills (PDS) takes an active approach to personal development, self realisation and citizenship by exploring interrelationships between individuals and communities. PDS focuses on health, wellbeing, community engagement and social sciences, and provides a framework through which students seek to understand and optimise their potential as individuals and as members of their community

Why choose this subject?

Through independent and collaborative activities, PDS builds the capacity of students to set personal goals and participate in their communities with confidence, respect, safety and resilience. Students will investigate the elements of emotional intelligence and begin to develop an awareness of interrelationships between communities and the health and wellbeing of individuals. Students will explore leadership qualities and the characteristics of effective leaders and how these qualities can be applied to the achievement of goals. They will explore key components of effective teamwork and reflect on how to lead and contribute within a team.

Two units of this subject are compulsory for the Vocational Major and it is commonly used as one of the Unit 3/4 sequences required to complete the VCE Vocational Major. It is taught through Charlton College on Tuesdays.

VOCATIONAL MAJOR WORK RELATED SKILLS

What's it all about?

VCE Vocational Major in Work Related Skills will allow students to develop the knowledge, skills and experiences to be active and engaged citizens and future members of the workforce, with the ability to communicate effectively, advocate for themselves and be adaptable to change. The study of WRS leads to opportunities across all industries and areas of work as well as in further education, and provides young people with the tools they need to succeed in the future.

Why choose this subject?

Students will develop a broad understanding of workplace environments and the future of work and education, in order to engage in theoretical and practical planning and decision-making for a successful transition to their desired pathway.

Two units of this subject are compulsory for the Vocational Major and it is commonly used as one of the Unit 3/4 sequences required to complete the VCE Vocational Major. It is taught through Charlton College on Tuesdays.

BOORT DISTRICT SCHOOL SAMPLE VCE SUBJECT SELECTION SHEET

NAME:

2024 YEAR LEVEL: ...10...

If you believe that you have the background, knowledge and work ethic required, please indicate a VCE subject that you may be interested in completing from the list provided. This will need to be signed off by the Key Learning Area (KLA) co-ordinator. This can be done at the VCE / VET counselling session or through arranging a meeting prior to Monday 14th August. You can, however, complete a full Year 10 course without VCE or VET if you like:

You may only choose one VET subject that spans over the year. If choosing to undertake a Work Placement please highlight this and further discussion will take place with Mr Bleicher at a later date.

VCE Subjects (Units 1-4)

Art Subjects

- Art Making and Exhibiting
- Drama
- Visual Communication & Design

Commerce Subjects

- Accounting
- Business Management
- Legal Studies

English Subjects

- English
- English Literature

Health and Physical Education Subjects

- Health and Human Development
- Outdoor & Environmental Studies
- Physical Education

Humanities Subjects

- Australian & Global Politics
- Geography
- History

Mathematics Subjects

- Mathematics – General
- Mathematics – Methods
- Mathematics – Specialist

Science Subjects

- Biology
- Chemistry
- Physics
- Psychology

Technology Subjects

- Agriculture and Horticultural Studies
- Food Studies

VET – Certificate II & III (one only)

- Agriculture
- Animal Studies
- Automotive
- Building & Construction
- Health Services
- Hospitality
- Engineering
- Community Services
- Sport & Recreation
- Beauty Services

VCE Vocational Major

Work Placement

BOORT DISTRICT SCHOOL SAMPLE VCE SUBJECT SELECTION SHEET

NAME:

2024 YEAR LEVEL: ...11...

Year 11 students are to select 6 subjects from the below list by highlighting their selections clearly. You may only choose one VET subject.

If selecting a Unit 3/4 sequence please indicate next to the subject this selection

If selecting Vocational Major please also indicate which VET or SBA study will be completed.

If choosing to undertake a Work Placement please highlight this and further discussion will take place with Mr Bleicher at a later date.

VCE Subjects (Units 1-4)

Art Subjects

- Art Making and Exhibiting
- Drama
- Visual Communication & Design

Commerce Subjects

- Accounting
- Business Management
- Legal Studies

English Subjects

- English
- English Literature

Health and Physical Education Subjects

- Health and Human Development
- Outdoor & Environmental Studies
- Physical Education

Humanities Subjects

- Australian & Global Politics
- Geography
- History

Mathematics Subjects

- Mathematics – General
- Mathematics – Methods
- Mathematics – Specialist

Science Subjects

- Biology
- Chemistry
- Physics

- Psychology

Technology Subjects

- Agriculture and Horticultural Studies
- Food Studies

VET – Certificate II & III (one only)

- Agriculture
- Animal Studies
- Automotive
- Building & Construction
- Health Services
- Hospitality
- Engineering
- Community Services
- Sport & Recreation
- Beauty Services

VCE Vocational Major

School Based Apprenticeship

Work Placement

BOORT DISTRICT SCHOOL SAMPLE VCE SUBJECT SELECTION SHEET

NAME:

2024 YEAR LEVEL: ...12...

Year 12 students are to select 5 subjects from the below list by highlighting their selections clearly. You may only choose one VET subject.

If selecting Vocational Major please also indicate which VET study or SBA will be completed.

If choosing to undertake a Work Placement please highlight this and further discussion will take place with Mr Bleicher at a later date.

VCE Subjects (Units 1-4)

Art Subjects

- Art Making and Exhibiting
- Drama
- Visual Communication & Design

Commerce Subjects

- Accounting
- Business Management
- Legal Studies

English Subjects

- English
- English Literature

Health and Physical Education Subjects

- Health and Human Development
- Outdoor & Environmental Studies
- Physical Education

Humanities Subjects

- Australian & Global Politics
- Geography
- History

Mathematics Subjects

- Mathematics – General
- Mathematics – Methods
- Mathematics – Specialist

Science Subjects

- Biology
- Chemistry
- Physics
- Psychology

Technology Subjects

- Agriculture and Horticultural Studies
- Food Studies

VET – Certificate II & III (one only)

- Agriculture
- Animal Studies
- Automotive
- Building & Construction
- Health Services
- Hospitality
- Engineering
- Community Services
- Sport & Recreation
- Beauty Services

VCE Vocational Major

School Based Apprenticeship

Work Placement

