



GREATER
SHEPPARTON
SECONDARY
COLLEGE

YEAR 10

SUBJECT SELECTION GUIDE



GREATER
SHEPPARTON
SECONDARY
COLLEGE

MCGUIRE CAMPUS

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P: 03 5858 9800

F: 03 5831 2404

2021 Campus Principal: Mr John Sciacca

MOOROOPNA CAMPUS

A: Cnr Echuca & MacIsaac Roads, Mooroopna VIC 3629

P: 03 5825 2344

F: 03 5825 3747

2021 Campus Principal: Mr Stephen Bolton

WANGANUI CAMPUS

A: Parkside Drive, Shepparton VIC 3630

P: 03 5820 9900

F: 03 5820 9999

2021 Campus Principal: Mr Ken Murray

CENTRAL OFFICE

A: P.O Box 4010, Shepparton VIC 3632

E: Greater.Shepparton.sc@education.vic.gov.au

EXECUTIVE TEAM

Executive Principal: Genevieve Simson

Associate Principal of Teaching & Learning: Megan Michalaidis

Director of Wellbeing & Inclusion: Nicholas Bamford

Campus Principal: John Sciacca

Campus Principal: Stephen Bolton

Campus Principal: Ken Murray

YEAR 10 SUBJECT OVERVIEW

SUBJECT NAME	TIME ALLOCATION (SESSIONS PER WEEK)	TEACHING ARRANGEMENTS AND SUPPORTING INFORMATION
Literacy Mainstream English EAL	3	Individual teacher per class Student class allocation to be recommended by English Team
Foundation Mathematics General Mathematics Mathematical Methods	3	Individual teacher per class Student class allocation to be recommended by Mathematics Team
Elective Block A	3	Pre-VET Elective
Elective Block B	3	Pre-VCAL Elective
Elective Block C	3	Pre-VCE Elective
Elective Block D	3	Over the course of the year students must undertake the following: <ul style="list-style-type: none"> • 1 Science Elective • 1 PE Elective • 1 Arts or Technology Elective • 1 Humanities Elective
Wednesday Afternoon: Semester 1 • Industry and Enterprise Semester 2 • Industry and Enterprise • AVID	2	Individual teacher per class

CORE SUBJECTS

CORE ENGLISH

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Foundation English	Core – all year	VCAL Literacy	9
General English	Core – all year	VCE English	9
EAL	Core – all year	VCE EAL	10

CORE MATHEMATICS

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Foundation Mathematics	Core – all year	VCAL Numeracy	11
General Mathematics	Core – all year	VCE General Mathematics	11
Mathematical Methods	Core – all year	VCE Mathematical Methods	11
Specialist Mathematics	Core – semester 2 only	VCE Mathematical Methods or Specialist Mathematics	12

ELECTIVE OFFERINGS

PRE-REQUISITES - Over the course of the year students must undertake the following:

- 1 Science Elective
- 1 PE Elective
- 1 Arts or Technology Elective
- 1 Humanities Elective

ENGLISH

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Literature	Elective – semester 2 only	VCE Literature	13
English Language	Elective – semester 2 only	VCE English Language	13

ARTS

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Unit 1 & 2 Drama	Whole Year Subject – VCE Subject that must be taken in Year 10 in both semesters. Students in Year 11 in 2021 will be in a combined class.	VCE Drama	14
Art	Elective – semester 1 or 2	VCE Art	14
Studio Arts: Creative Glass	Elective – semester 1 or 2	VCE Studio Arts & VCE Art	15
Digital Art	Elective – semester 1 or 2	VET Certificate III in Screen and Media & Certificate II in Creative Industries	15
Media	Elective – semester 1 or 2	VCE Media	15
Ceramics A - Modern Expression	Elective – semester 1 only	VCE Art	15
Ceramics B – Culture and Character	Elective – semester 2 only	VCE Studio Art	16
Printmaking	Elective – semester 1 or 2	VCE Art & VCE Studio Arts	16
Theatre Studies – The Actors Showreel	Elective – semester 1 or 2	VCE Theatre Studies	16
Studio Arts: Photography	Elective – semester 1 or 2	VCE Media	16
Visual Communication- Advertising	Elective – semester 1 or 2	VCE Visual Communication & Design	17
Visual Communication – Technical Drawing	Elective – semester 1 or 2	VCE Visual Communication & Design	17
Dance A	Elective – will be offered semester 1 and 2 as stand-alone electives. It is highly recommended that Dance A & B are taken in a sequence, but they can be taken on their own.	VCE Dance	17
Dance B	Elective – will be offered semester 1 and 2 as stand-alone electives. It is highly recommended that Dance A & B are taken in a sequence, but they can be taken on their own.	VCE Dance	17
Studio Arts A - Painting & Drawing	Elective – semester 1 only	VCE Art & VCE Studio Arts	18
Studio Arts B - Urban Art	Elective – semester 2 only	VCE Art & VCE Studio Arts	18

TECHNOLOGY

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Building and Construction	Elective – semester 1 or 2	VET Building and Construction	19
Choice of Flavours	Elective – semester 1 or 2	VCAL Personal Development Skills, VET Hospitality and VET Kitchen Operations	19
Engineering	Elective – semester 1 or 2	VET Engineering - Mechanical Engineering modules in the 22470VIC Certificate II in Engineering Studies.	20
Fabrication	Elective – semester 1 or 2	VET Engineering - Fabrication modules in the 22470VIC Certificate II in Engineering Studies	20
Food for All	Elective – semester 1 or 2	VET Certificate II in Hospitality	20
Food Studies	Elective – Semester 1 or 2	VCE Food Studies	20
Food Creations		VET Certificate II in Kitchen Operation	21
Furniture Making	Elective – Semester 1 or 2	VET Certificate II Furniture Making Pathways	21
Computing - Mobile App Development	Elective – Semester 1 or 2	VCE Computing and VCE Software Development	21
Product Design and Technology - Metals	Elective – Semester 1 or 2	VCE Product Design and Technology - Metals	22
Textiles	Elective – Semester 1 or 2	VCE Product Design and Technology - Textiles	22
Product Design and Technology - Timber	Elective – Semester 1 or 2	VCE Product Design and Technology - Timber	22

MUSIC

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Music Instrumental Performance	Elective – Semester 1 or 2	VCE Music Performance	23
Music Performance and Investigation	Elective – Semester 1 or 2	VCE Music Investigation	24
Music Styles and Composition	Elective – Semester 1 or 2	VCE Music Style & Composition	24
Music Industry	Elective – Semester 1 or 2	VET Music Industry Cert II	24

HUMANITIES/SCIENCE

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Sociology	Elective – Semester 1 or 2	VCE Sociology	25

HUMANITIES

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Dollars and Sense - Accounting	Elective – Semester 1 or 2	VCE Accounting	26
Introduction to the Business World	Elective – Semester 1 or 2	VCE Business Management and VCE Economics	26
Politics: Empowered Youth	Elective – Semester 1 or 2	VCE Australian and Global Politics	27
Geography: People and the Environment	Elective – Semester 1 or 2	VCE Geography	27
Economics: Money, Money, Money	Elective – Semester 1 or 2	VCE Economics	27
Legal Studies: You be the Judge	Elective – Semester 1 or 2	VCE Legal Studies	27
History: Australians at War	Elective – Semester 1 or 2	VCE History	27
History: Conflict and Change	Elective – Semester 1 or 2	VCE History	28
History: Rights and Freedoms	Elective – Semester 1 or 2	VCE History	28

SCIENCE

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Biology: DNA All the Way	Elective – Semester 1 or 2	VCE Biology	29
Chemistry: Get a Reaction	Elective – Semester 1 or 2	VCE Chemistry	29
Physics: Particles to Pulsars	Elective – Semester 1 or 2	VCE Physics	30
Psychology: How the Brain Works	Elective – Semester 1 or 2	VCE Psychology	30

HEALTH

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
HHD: Introduction to Health and Human Development A	Elective – semester 1 only	VCE Health and Human Development	31
HHD: Drugs and Adolescent Health B	Elective – semester 2 only	VCE Health and Human Development	31
Child Development	Elective – Semester 1 or 2	VET Community Services	31

PHYSICAL EDUCATION

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Unit 1 & 2 Outdoor Education	Whole Year Subject – VCE Subject that must be taken in Year 10 in both semesters	VCE Outdoor Education	32
PE: Human Movement and Sports Science A	Elective – semester 1 only	VCE Physical Education	32
PE: Human Movement and Sports Science B	Elective – semester 2 only	VCE Physical Education	33
Active for Life A	Elective – semester 1 only	VET Sport and Recreation	33
Active for Life B	Elective – semester 2 only	VET Sport and Recreation	33
Outdoor Recreation	Elective – Semester 1 or 2	VET Sport and Recreation	33
Sport, Recreation & Leadership A	Elective – semester 1 only	VET Sport and Recreation/VCAL/SEDA Program	34
Sport, Recreation & Leadership B	Elective – semester 2 only	VET Sport and Recreation/VCAL/SEDA Program	34

LANGUAGES

Subject	Core or Elective	Pathway (VCE/VCAL/VET)	Page No.
Italian A & B	Students must take Both Italian A and Italian B electives.	VCE LOTE - Italian	35
Japanese A & B	Students must take Both Japanese A and Japanese B electives.	VCE LOTE - Japanese	36
Auslan A & B	Students must take Both Auslan A and Auslan B electives.	VCE LOTE - Auslan	36

CORE SUBJECTS

English

Foundation English
General English
EAL (English as and Additional Language)

**Contact Person: Sarah Pollard (English Domain Leader)
& Megan Dixon (EAL Leader)**

Mathematics

Foundation Mathematics
General Mathematics
Mathematical Methods
Specialist Mathematics (semester 2 only)

**Contact Person: Tara Richardson
(Mathematics Domain Leader)**

English and Mathematics CORE Subject Student Allocations:

Domain Leaders will consult with English and Mathematics teachers and look at a range of triangulated data to make a recommendation around the English and Mathematics Core subject that would best meet the needs of each individual student.

FOUNDATION ENGLISH

Pathway: This Core subject prepares students for VCAL Literacy/ VCE Foundation English.

Description of the Learning: Year 10 Foundation English is designed to develop and refine literacy skills and knowledge that are helpful in everyday situations. The learning covers a variety of topics from the Language, Literature and Literacy strands of the Victorian Curriculum. It aims to develop students' foundational skills and consolidate their knowledge and understanding of reading, writing and speaking and listening skills to help them develop efficient strategies for the future. There is a focus on literacy and communication used in everyday life, family, employment, further learning and the community.

Description of the Assessment: Students will complete a range of assessments which may include short written pieces, analytical tasks, reading comprehension, and oral tasks. Students will also use a reader's and writer's notebook to reflect regularly on their learning in order to show evidence of their thinking and growth. Students will also be able to show their understanding by completing projects where they apply their learning in new contexts.



GENERAL ENGLISH

Pathway: This Core subject prepares students for VCE English.

Description of the Learning: Year 10 General English is designed to prepare students for VCE English. Students will continue to build on skills in reading, writing and speaking & listening by using the strategies they have established in the lower levels of English through the use of readers and writer's notebooks, whilst also establishing the fundamental skills and knowledge needed for success in VCE English. Students will consider a range of texts in order to become confident, articulate and critically aware communicators and further develop a sense of yourself, your world and your place within it.

Description of the Assessment:

Semester 1:

a creative response to a text
an analytical response to a text
a persuasive piece on a topical issue
(one of which may be presented in oral form)

Semester 2:

A response comparing two texts
An analysis of persuasive language used in a text
A persuasive speech

EAL (English as an Additional Language)

Pathway: This Core subject prepares students for VCE EAL, General English, or VCAL Literacy.

Description of the Learning:

EAL focuses on developing and building the English language skills that are required for effective communication and for successful interaction within school and in the wider community. It supports students to integrate their knowledge of multiple languages to enrich their learning across all subject areas. Students will undertake focused learning in three key areas:

- Reading and viewing
- Writing
- Speaking and Listening

Description of the Assessment:

Within this subject students will participate in a wide range of assessment activities connected to the areas of study. These activities will include a mix of verbal assessments such as speeches, presentations and participation in group activities. Along with a mix of written assessments such as text analyses, persuasive pieces and narrative writing.



FOUNDATION MATHEMATICS

Pathway: This Core subject prepares students for VCAL Numeracy/VCE Foundation Maths.

Description of the Learning: Foundation Mathematics is designed to develop and refine mathematical ideas that are helpful in everyday situations. The learning covers a variety of topics from the Number and Algebra, Measurement and Geometry, and Statistics and Probability strands of the Victorian Curriculum. It aims to develop students' foundational skills and consolidate their mental maths skills to help them develop efficient strategies for the future. There is a focus on mathematical ideas used in business, such as percentages, simple and compound interest and income, as well as ideas related to measurement that are useful in real life scenarios.

Assessment: Within this subject, students will complete a range of assessments including problem solving, investigations and tests to measure their understanding and skill development. Students will complete pre and post assessments as a tool to measure their growth and highlight their individual needs. Students will also be able to show their understanding by completing projects where they apply their learning to new contexts.

GENERAL MATHEMATICS

Pathway: This Core subject prepares students for VCE General/Further Mathematics.

Description of the Learning: General Mathematics aims to prepare students for the study of Mathematics at VCE by focusing on a variety of topics from the Number and Algebra, Measurement and Geometry, and Statistics and Probability strands of the Victorian Curriculum. There is an emphasis on consolidating students' foundational Algebra skills to ensure they can apply them to different areas of the curriculum. Students will be given a variety of tasks which focus on developing an understanding of the concept before being required to apply the new knowledge to a range of contexts, with a focus on worded problems and real-life applications. Students will continue to develop problem solving skills and perseverance through undertaking tasks that provide them with an appropriate challenge. Students will develop their collaboration and communication skills by regularly undertaking problem-based lessons, where they will work on a problem in a small group, before presenting their ideas to their teacher and peers. In Semester 2, students will be required to purchase a Classpad Graphing Calculator to allow them to work with larger data sets and to assist in the application of their new skills to different scenarios.

Description of the Assessment: Within this subject, students will complete a range of assessments including problem solving, investigations and tests to measure their understanding and skill development. Students will complete pre and post assessments as a tool to measure their growth and highlight their individual needs. Students will also be able to show their understanding by completing projects where they apply their learning to new contexts.

MATHEMATICAL METHODS

Pathway: This Core subject prepares students for VCE Mathematical Methods.

Description of the Learning: This subject aims to prepare students for the study of Mathematical Methods at VCE by focusing on a variety of topics from the Number and Algebra, Measurement and Geometry, and Statistics and Probability strands of the Victorian Curriculum. This unit builds on assumed knowledge and skills, including a comprehensive understanding of Number and Algebra, before requiring students to apply their new learning to a variety of practical and theoretical contexts. Students will continue to develop their problem solving, collaboration and communication skills using regular problem-based lessons, where they will work on a problem in a small group and present their ideas to their teacher and peers. This subject covers Linear Graphs, Quadratics, Circular Functions, Simultaneous Equations, Exponential Functions and Logarithms. Students are required to purchase a Classpad Graphing Calculator to enable them to fully engage with the curriculum and to assist in the application of their new skills to different scenarios.

Description of the Assessment: Within this subject students will complete a range of assessments including problem solving, investigations and tests to measure their understanding and skill development. Students will complete pre and post assessments as a tool to measure their growth and highlight their individual needs. Students will also be able to show their understanding by completing projects where they apply their learning to new contexts.

SPECIALIST MATHEMATICS (Semester 2 only)

Pathway: This Core subject prepares students for VCE Mathematical Methods/VCE Specialist Mathematics.

Description of the Learning: This unit is designed for students intending to study Mathematical Methods and potentially Specialist Mathematics in VCE, who already have a sophisticated understanding of Number and Algebra and consistently high results in Mathematical Methods in Semester 1. The ability to use algebra and familiarity with a variety of algebraic techniques is a cornerstone of VCE Mathematics. This course aims to challenge and further develop students' confidence in the use of algebra as a powerful mathematical tool and apply it to a variety of situations. This unit covers Simultaneous Equations, Quadratic Graphing, Exponential Functions, Logarithms, Circular Functions, Polynomials and Geometric Reasoning.

Description of the Assessment: Within this unit students will complete a range of assessments including problem solving, investigations and tests to measure their understanding and skill development. Students will complete pre and post assessments as a tool to measure their growth and highlight their individual needs. Students will also be able to show their understanding by completing projects where they apply their learning to new contexts.





ENGLISH ELECTIVES

Contact Person:

Sarah Pollard (English Domain Leader)

LITERATURE

Pathway: This elective prepares students for VCE Literature Unit 1 & 2.

Description of the Learning: In this unit students will study a variety of selected literature texts, including novels, short stories, poetry, plays and films. Students will look at the texts' contexts to explore how the historical and social issues from the time impacted the creation of the text. During this study, students will begin to look at texts in different ways to explore how they represent ideas and beliefs about the world. In this unit students will begin to master the kinds of skills used in VCE Literature.

Description of the Assessment:

Assessment tasks in this unit may include:

- Detailed analysis of text
- Analytical response to text
- Creative response to text

One of which may be in oral form.

ENGLISH LANGUAGE

Pathway: This elective prepares students for VCE English language Units 1-4.

Description of the Learning: In this unit students will study English from a linguistic rather than a literary perspective. Students will look at the sub-systems of English in order to learn more about how language works. This involves learning about the sound system in English, the words we use in English and how they are constructed, the ways words are put together in phrases, clauses and sentences and how meaning is created through language. Students will consider the area of Face Needs which looks at the way language can affect an individual's public self-image and will learn about and respond to language issues. Lastly, students will consider how language is used to construct our identity. In this unit students will begin to master the kinds of skills used in VCE English Language.

Description of the Assessment: Assessment tasks in this unit may include:

- Short answer tests
- Extended responses and research tasks
- An oral presentation
- An essay based on a language issue



ARTS ELECTIVES

Contact Person:

Nathan Saddlier
(Arts/Technology Domain Leader)

Over the course of the year students must undertake one Arts, Technology or Music Elective.

UNIT 1 & 2 DRAMA

Description of the Learning: Are you a 'class clown' or a fan of stand-up? Do you love to create new characters, put on accents, cosplay, sing, dance, be acrobatic or just still like to 'play pretend'? Doesn't sound like VCE does it? Well, it is!

VCE Drama is offered to all Year 10 students who are ready for the challenge of fast-tracking. In this subject, you will create and tell stories, explore issues and ideas of interest to you and communicate your own creative vision through making original and exciting performances. There are no lines to learn or parts to audition for. You and your team are the performance creators. Exactly where you take your story is up to you!

Team work is essential, and this subject offers ample opportunity to develop your communication and problem-solving skills. Unit 2 Drama asks students to use Australian Identity as stimulus for playmaking. Students look at Australian custom, 'the larrikin', our famous places, artwork, stories and icons - celebrate or challenge them through play building. We explore stereotypes and our own culture by 'playing' with it. How many times have you 'thrown a shrimp on the Barbie'?

Drama students learn to evaluate the development of their performance pieces and the work of professional theatre makers, as we attend professional shows or invite inspiring performers to work with us.

ART

Pathway: This elective prepares students for VCE Art Units 1-4.

Description of the Learning: This unit will be aimed at students who have both studied Art previously in junior levels, and those who have perhaps had a gap in their Art studies. In both cases, this Art unit is skills based, focusing on 4 main mediums of drawing, painting, printmaking and sculpture. Within each area, students will explore how artists express their ideas through their artwork, and how artists use their chosen materials through art appreciation and practical work. They will look at how art is influenced by different cultures and historical contexts, including indigenous art, past and present.

Students will analyse and interpret artworks and develop ideas in order to express their own thoughts. They will also evaluate and display their artwork.

This subject is great for those students who may be interested in undertaking VCE Arts as a further pathway or VCE Studio Arts as an alternative pathway.

STUDIO ARTS – CREATIVE GLASS

Pathway: This elective prepares students for VCE Studio Arts Art, Certificate III Visual Arts, Certificate IV Design, VCE – Studio Arts Units 1-4.

Description of the Learning: Students will learn how to score, break, join, fuse and melt glass to create unique artworks. They will experiment with different tools, techniques and materials to create slumped glass platters, fused glass pendants and bowls. They will be introduced to artworks from different cultures of historical and contemporary backgrounds. Students will research, plan and design their work before starting the creation process. They will gain an understanding about how galleries are run and how artworks are presented to a viewer. They will organise and display their finished glass art.

This subject is great for those students who may be interested in undertaking VCE Studio Arts or VCE Arts as an alternative pathway. This subject also opens up the opportunity for Vocational pathways, such as a Certificate II in Visual Arts. There is no prerequisite for Year 10 Creative Glass.

DIGITAL ART

Pathway: This elective prepares students for VET Certificate III in Screen and Media CUA31015, VET Certificate II in Creative Industries CUA20215.

Description of the Learning: In this unit, students will develop an understanding of how software and digital devices can be used to create digital artworks. They will have the opportunity to develop digital art skills using a range of programs, and work through a design process in the development of their own work. Students will analyse and interpret the work of digital artists and investigate the different art styles of digital artists. They will explore the programs and techniques used and ideas behind the development of digital artworks, using this investigation in the development of their own work. They will maintain a Visual Diary which records inspiration and planning, idea development and refinement, research related to their practical work, records of the work undertaken and reflections on their work. This subject is a pathway into VET Certificate III in Screen and Media and VET Certificate II in Creative Industries. Digital Art could be an art form choice for VCE studio Arts and VCE Art and the skills could be beneficial if doing VCE Visual Communication or VCE Media.

MEDIA

Pathway: This elective prepares students for VCE Media Units 1-4.

Description of the Learning: In this unit students will investigate, analyse and create media products. Students will develop and apply skills in planning and producing short video productions including narrative organisation theory, screenwriting and storyboarding.

Students learn how to edit using editing software and take control of camera operation, lighting and sound in recording video footage. Students may have the opportunity to explore specialist tasks, such as special effects and animation.

Students produce a number of products that may include news reports, advertisements, interviews and short narrative films. Assessment will be based on students developing a portfolio of planning documents, finished video products and reflections on their work.

This subject is great for those students who may be interested in undertaking VCE Media as a pathway in VCE. This subject also opens up the opportunity for Vocational pathways, such as a Certificate III in Screen and Media.

There is no prerequisite for Year 10 Media. Students just need an interest in media production and a willingness to try new things!

CERAMICS A – MODERN EXPRESSION

Pathway: This elective prepares students for VCE Studio Arts Units 1-4 and VCE Art Units 1-4.

Description of the Learning: Students aim to create modern and expressive ceramic artworks. They investigate the styles and characteristics of modern artists and art movements and develop an understanding of how perspectives and ideas have impacted on artworks in this period. Students consider their own views and interests and connect the inspiration from their learning to the planning of their own works. They make aesthetic choices in the development of their designs by manipulating selected features from research into personalised artworks.

Students work through a process of exploration, refinement and evaluation. They develop skills in design drawing and apply ceramic construction and decoration techniques in the creation of their artworks. Students maintain a visual diary which documents the visual and intellectual development of their practical work.

Students also learn the basic production processes that are involved in producing finished ceramic articles, beginning with clay in its raw state. They gain a sound understanding of the changes that take place to this medium as it undergoes these processes.

This subject is great for students wanting to undertake VCE Studio Art or VCE Art. It also build the practical skills if students are wanting to undertake a vocational pathway, such as a Certificate II in Visual Arts.

CERAMICS B – CULTURE AND CHARACTER

Pathway: This elective prepares students for VCE Studio Arts Units 1-4 and VCE Art Units 1-4.

Description of the Learning: Students aim to create ceramic forms combining culturally and historically significant styles and/or artworks with some of their own personal ideas.

Students investigate the styles and characteristics of various cultures, artists and art movements. They develop an understanding of how perspectives and ideas have impacted on ceramic artworks in throughout history. Students consider their own views and interests and connect the inspiration from their learning to the planning of their own works. They make aesthetic choices in the development of their designs by combining selected features from research with personalised designs; manipulating them into unique, cohesive artworks.

Students work through a process of exploration, refinement and evaluation. They develop skills in design drawing and apply ceramic construction and decoration techniques in the creation of their artworks. Students maintain a visual diary which documents the visual and intellectual development of their practical work.

Students also learn the basic production processes that are involved in producing finished ceramic articles, beginning with clay in its raw state. They gain a sound understanding of the changes that take place to this medium as it undergoes these processes.

This subject is great for students wanting to undertake VCE Studio Art or VCE Art. It also build the practical skills if students are wanting to undertake a vocational pathway.

PRINTMAKING

Pathway: This elective prepares students for VCE Art and VCE Studio Arts.

Description of the Learning: This Printmaking unit is designed to introduce students to a variety of printmaking techniques and give students the confidence to develop, produce and present their work in a folio structure. This folio structure is modelled on the VCE Studio Arts and VCE Art format. Students will be exposed to a variety of printmaking techniques that can either form a focus of their work in VCE or enhance their existing creative skills. These techniques may include Lino, Screen, Collograph or Mono print making. Students will research and investigate each method and build on sources of inspiration; before the production of their own work; using the aforementioned techniques.

Students will respond to and interpret their own artworks and that of other artists in written and aural formats, integrating and enhancing skills in other learning areas such as, English, Literature and History.

INTRODUCTION TO THEATRE STUDIES – THE ACTORS SHOWREEL

Pathway: This elective prepares students for VCE Theatre Studies Units 1-4.

Description of Learning: If you want to build a career on the stage or screen, then you'll know that creating a professional showreel is the best way to get that role you've dreamed of. A high quality showreel will help you showcase your talents in a way that makes you stand out from the crowd. This elective focuses intensively on developing the expressive skills of the **actor** and providing opportunity to perform a range of characters. It also provides **designers** with the option of creating original and highly creative costumes, properties, makeup designs, set pieces, lighting, soundscapes and digital backdrops appropriate for the stage. Acting and design students will select and edit all the material they have developed over the semester and finally construct the pieces into an eye-catching digital folio or 'Actor's Showreel'. In this way, the elective will assist you in developing the skills and experiences needed for successful completion of VCE Theatre Studies, taking those first steps towards an arts-based career or preparations for entry into a performing arts college. This elective focuses on practical tasks but also includes written and oral reflection on your own work as well as the work of professionals in the industry. We travel to exciting live theatre performances and review the creative choices made.

STUDIO ARTS - PHOTOGRAPHY

Pathway: This elective prepares students for VCE Studio Arts and VCE Media Units 1-4.

Description of the learning: In this unit students investigate, analyse and create a range of photographic prints. They develop and apply skills in planning and producing photographs in a variety of styles, including portraits, advertising, composite, long exposure, abstract, nature and photojournalistic. Students learn how to edit using editing software and take control of camera operations, lighting, set design and composition. They also have the opportunity to explore the printing process using a professional level printer. Students produce a number of prints in a range of styles that leads to the development of their own approach to making photographs. Assessment will be based on students developing planning documents and a comprehensive folio of photographs.

This subject is great for those students who may be interested in undertaking VCE Studio Arts or VCE Media as a pathway in VCE. This subject also opens up the opportunity for Vocational pathways, such as a Certificate III in Screen and Media, Certificate II in Visual Arts (Photography)

There is no prerequisite for Year 10 Studio Arts Photography - Just an interest in photography and a willingness to try new and creative ways of expressing ideas.

VISUAL COMMUNICATION A - ADVERTISING

Pathway: This elective prepares students for VCE Visual Communication Units 1-4.

Description of the Learning: Students build knowledge of the History of Advertising, the Design Elements and Principles and the power of Typography and Imagery. They adapt their ideas and sketches by building their digital Photoshop and Illustrator skills whilst working through a design process to make their own advertisements and promotional material.

This subject is designed for students who may wish to undertake VCE Visual Communications as a further pathway. The practical skills taught will allow students to undertake a vocational pathway if desired, such as a Certificate in Design Fundamentals.

VISUAL COMMUNICATION B – TECHNICAL DRAWING

Pathway: This elective prepares students for VCE Visual Communication Units 1-4.

Description of the Learning: This valuable elective allows students to build knowledge around two-dimensional, three-dimensional technical drawings and converting these drawings from digital to manual forms. They will be introduced to CAD programs and learn ICT skills to design a professional presentation. Students adapt their sketches to presentational drawings using SketchUp and Illustrator techniques whilst working through a design process to make a finalised three-dimensional Model.

This elective is designed for students who are interested in undertaking VCE Visual Communication but also delivers the drawing skills students require to undertake a vocational trade pathway such as VET Engineering, VET Building and Construction, VET Furniture Making and VET Plumbing. Other vocational pathways that this subject can lead to is a certificate in Design Fundamentals.

DANCE A

Pathway: This elective prepares students for VCE Dance.

Description of the Learning: In Dance A, you will experience how to make your own dances, learn exciting group dances and how to find meaning in dance by watching performances of others.

For the choreography component, you will create dances to communicate an idea or a message. You will improvise and choreograph your own dances using form, the elements of dance and choreographic devices based on a given theme. Choreographic work is completed as individuals and in groups.

You will be taught new dances (repertoire) and perform them using production elements such as costume, lighting,

set or props. You will participate in regular warm ups to assist your technique to improve, focusing on movement memory, flexibility, balance, alignment, co-ordination, safe dance practice and expressive skills.

You will learn what it means to be a healthy dancer, through physical, social and emotional health and complete a project based on your findings. This component involves studying the skeletal system, nutrition and having a healthy mind.

Students studying Dance A will view dance performances and develop analysis skills whilst exploring dances, performers and choreographers from different times, genres and traditions. This unit involves an excursion where students can experience dance as an audience member and / or participant in a workshop.

Build your self-confidence, get fit and have some fun in this exciting subject! It is advised to take this unit in conjunction with Dance B (second semester) to continue developing your technique, flexibility, strength and co-ordination.

This unit leads to VCE Dance and opens pathways to VET Dance.

DANCE B

Pathway: This elective prepares students for VCE Dance.

Description of the Learning: In Dance B, you will continue to develop skills in choreography, learning and performing dance routines as a class group and experimenting with the ideas of influential choreographers who've made an impact on dance as we know it today.

In the choreography component, you will explore the backgrounds, techniques and performances of pioneering choreographers and their ideas about dance through workshops and choreographic activities. You will use choreographic devices, the elements of dance, group structures and movement categories to continue building your movement vocabulary and understanding of developing work with an intention.

Each week you will learn safe dance practices through technical training, physical skills such as balance, flexibility, alignment and strength and learn new choreography repertoire (building to learn whole class dances) which are performed using production elements such as costume, lighting, make-up, props and/or set and expressive skills.

Informed by your knowledge of dance from different cultures, times and locations, you will view and analyse dance performances of others, looking at influences on the work, choreographic intention and use of production elements to communicate ideas. This usually involves an excursion to view and analyse a live dance performance and/or participate in a workshop.

Dance B is a great way to build team work and leadership skills whilst boosting your fitness and creativity! It is advised to take this unit in conjunction with Dance A (first semester) to continue developing your technique, flexibility, strength and co-ordination.

This unit leads to VCE Dance and opens pathways to VET Dance.

STUDIO ARTS A – PAINTING AND DRAWING

Pathway: This elective prepares students for VCE Studio Arts Units and VCE Art.

Description of the Learning: This exciting elective gives students the opportunity to explore a range of drawing and painting materials and develop skills in using these materials to create different visual effects. Students will communicate and express their ideas through the use of a paint brush and pencil. They will analyse how imagery and messages are conveyed in paintings and drawings and develop an understanding of how the meaning of art can be interpreted differently. Students will maintain a visual diary which records the development of their practical work. They will work through a design process by exploring ideas and materials, using artistic inspiration, refining, evaluating and presenting their work. This subject is designed for students who have a strong interest in undertaking VCE Studio Arts or VCE Arts as their preferred pathway, but also caters for those students wanting to enter a vocational pathway, such as a Certificate II in Visual Arts, through the practical components being taught.

STUDIO ARTS B - URBAN ART

Pathway: This elective prepares students for VCE Studio Arts Units and VCE Art.

Description of the Learning: This exciting new elective is designed to introduce students to the concept of place and context in art. Students will explore street and public art through their own art practices and will explore and debate the different impacts that street and public art has in society. They will learn significant techniques relevant to this genre of art and through these techniques, produce work fuelled by their own creative inquiry process. Local and global street and public artists will be researched to help inspire student's creativity during the inquiry process through a range of local excursions, visitations from artists and theoretical investigation. Students will maintain a folio that will be structured to model the VCE Studio Arts and VCE Arts format. To achieve the best outcomes, students will get the opportunity to express their creative art techniques in multiple places both indoors and outdoors. This subject is designed for students who have a strong interest in undertaking VCE Studio Arts or VCE Arts as their preferred pathway, but also caters for those students wanting to enter a vocational pathway, such as a Certificate II in Visual Arts, through the practical components being taught.





TECHNOLOGY ELECTIVES

Contact Person:
Nathan Saddler
(Arts/Technology Domain Leader)

BUILDING AND CONSTRUCTION

Pathway: This elective prepares students for VET Certificate II in Building and Construction 22338VIC.

Description of the Learning: This subject allows students to experience the skills and pathways associated with the building and construction industry. Through a hands-on approach, students will be given the opportunity to develop fundamental skills in Carpentry and various other trades. Students will undertake their learning both indoors, outdoors, independently and as part of a team. They will be exposed to plant and equipment that is trade specific and be given individual choices when deciding what items to produce.

The subject will promote critical and creative thinking and will have a particular focus on the competency-based training required when leading into a vocational pathway. An emphasis will be placed on the safe and correct use of equipment while working on an online Occupational Health and Safety unit. Building and Construction at year 10 is a great experience for students who may be interested in VET Building and Construction as a future pathway but will also provide the practical skills required to undertake another vocational pathway or complete VCE Product Design and Technology - Timber.

CHOICE OF FLAVOURS

Pathway: This elective prepares students for VCAL Personal Development Skills, VET Hospitality and VET Kitchens Operations.

Description of the Learning: Would you like to explore the world of food?

This unit is designed for those who have some previous knowledge and skill in food preparation. You will investigate some of the influences on the Australian eating patterns including countries in Europe, Africa, Asia and the Pacific.

You will study the culture, geography and history of each country. You will produce and evaluate a range of products and learn more about food you eat, as well as the latest food trends and habits of various cultures.

This is a great subject for those interested in undertaking a vocational pathway in the food and hospitality industry, such as a Certificate II in Hospitality and a Certificate II in Kitchen Operations. It will also enable students the practical skill set to undertake VCE Food Studies and partial skill set to undertake VCE Health and Human Development.

ENGINEERING

Pathway: This elective will prepare students for VET Certificate II in Engineering Studies 22470VIC.

Description of the Learning: Wow, what a great all-rounder of an engineering subject. This subject gives students the opportunity to develop skills in the Mechanical Engineering trade. Students will learn to use a range of hand and power tools including the operation of complex machines, such as lathes and milling machines to construct their practical models with precision. The use of precision measuring tools will be used throughout the construction. Drawing interpretation will be a major focus, along with the use of a computer aided design software system (CAD), used during the designing process. This is a great subject for those possibly interested in the mechanical engineering trade and will develop the practical skills required to undertake VET Engineering or any other vocational pathway. It will also enable students the practical skill set to undertake VCE Product Design and Technology – Metal.

FABRICATION

Pathway: This elective will prepare students for VET Certificate II in Engineering Studies 22470VIC.

Description of the Learning: Let the sparks begin for this amazing subject that allows students to experience the fabrication trade through a hands-on learning approach that promotes student creativity and critical thinking. Students will use a range of fabrication techniques to manufacture various models out of metal. Through self-generated research, students design their model in detail prior to construction using a computer aided design software system. Fabrication incorporates numerous engineering skills such as welding, folding, bending and a range of power tool operations. Fabrication encourages students to adopt problem-solving techniques throughout the design and construction of their model. This is a great subject for those possibly interested in the fabrication trade and will develop the practical skills required to undertake VET Engineering or any other vocational pathway. It will also enable students the practical skill set to undertake VCE Product Design and Technology – Metal.

FOOD FOR ALL

Pathway: This elective will prepare students for VET Certificate II in Hospitality SIT20316.

Description of the Learning: Would you like to explore food opportunities in your community?

During this unit you will build on skills from previous units, and at the same time get to recognise and appreciate the many ways Australians source their foods.

You will look at our Hospitality Industry and gain skills in time management, preparation, presentation, and gain an understanding of career options in this industry.

You will consider and evaluate the Fast Food market and the impact it has had on our diet, while learning how to prepare healthier options.

The concept of Food Sustainability will be introduced as well as an exploration of various Community Projects that assist certain groups in Australia. For example, Meals on Wheels, Food Share, Community Gardens.

Finally, you will look at public events that celebrate our sharing of food and prepare dishes that may be enjoyed at such events.

This is a great subject for those interested in the hospitality industry and it will develop the practical skills required to undertake VET Hospitality or any other vocational pathway in the food and hospitality industry. It will also enable students the practical skill set to undertake VCE Food Studies and partial skill set to undertake VCE Health and Human Development.

FOOD STUDIES

Pathway: This elective prepares students for VCE Food Studies Units 1-4.

Description of the Learning: Are you interested in further studies in food and nutrition?

In this unit you will investigate a range of food related topics, for example, preservation of food, nutritional choices, and sustainable foods. You will develop an understanding of the relationship of food to health and the environment.

The focus will be on food safety and hygiene, food contamination and the measures to prevent food poisoning. You will consider the importance of seasonal foods which influence your purchases. Students will make healthy choices from our diverse Australian cuisine and include many indigenous flavours.

You will consider the food and health industry which is large and diverse and ever changing. Improvements in Technology helps prevent health related conditions and is key to choosing healthy and affordable meals.

This unit will develop the skills to undertake VCE Food Studies and partial skill set to undertake VCE Health and Human Development. The practical food skills taught will allow students the skill set to undertake a vocational pathway in the food and hospitality industry such as VET Hospitality and VET Kitchen Operations.

FOOD CREATIONS

Pathway: This elective prepares students for VET Certificate II in Kitchen Operations SIT20416.

Description of the Learning: Did you know food is an important component of many special occasions?

In this elective you will explore a range of special occasions including cultural, social, religious, historical and family. You will also explore a range of foods for special needs.

You will plan and prepare safe food for special occasions, demonstrating appropriate food handling and presentation skills. You will explore reasons for celebrating with food.

Students will investigate circumstances which lead to specific food needs, for example, health status or disability, diet related disorders, lifestyle choices, religious beliefs and cultural considerations.

This is a great subject for those interested in the hospitality industry and will develop the practical skills required to undertake VET Kitchen Operations or any other vocational pathway in the food and hospitality industry. It will also enable students the practical skill set to undertake VCE Food Studies and partial skill set to undertake VCE Health and Human Development.

FURNITURE MAKING

Pathway: This elective prepares students for VET Certificate II in Furniture Making Pathways MSF20516.

Description of the Learning: Have you ever wanted to make your own Furniture?

Students will investigate, design, produce and evaluate an item of furniture. This will take the form of a small cabinet or shelving unit. Students will need to prepare a cost and cutting list of materials and maintain a weekly record of their process in a logbook. Students develop Orthogonal drawings (2D) and Isometric drawings (3D) of their product and create electronic drawings using computer software. All of this will go together to build a design folio.

Students will complete an occupational Health and safety component, completing all of the required online OnGuard safety tests.

Students will follow the Product Design process; use both current emerging technologies and traditional skills, and complete innovative challenges. There will be many industry visits to compliment this curriculum.

This is a great subject for those possibly interested in the furniture making trade and will develop the practical skills required to undertake VET Furniture Making Pathways or any other vocational pathway. It will also enable students the practical skill set to undertake VCE Product Design and Technology – Timber.

COMPUTING: MOBILE APP DEVELOPMENT

Pathway: This elective prepares students for VCE Applied Computing Units 1-4 and VCE Software Development Units 1-4.

Description of the Learning: This elective is a bridging course between the programming unit taught during Digital Technology 7 & 8 and VCE Applied Computing and VCE Software Development.

During the beginning of the unit the students will learn about cyber security threats, building an understanding of the risks undertaken during development of a product for consumers, recognising the importance of concepts like passwords, encryption, two-factor authentication. They will work on an investigation into a specific type of cyber-attack, or a specific high-profile incident of a cyber-attack on a business. Addressing how the attack happened, who was affected, how it was prevented in the future, and the risks associated with online infrastructure. Students will take an in-depth look at cybersecurity risks and how they affect businesses including the development of Mobile Apps and security requirements for their use.

The unit will introduce some of the core concepts for VCE Software Development and the problem-solving methodology from VCE Applied Computing. Students will work together to design and plan the creations of a Mobile App. This will include identifying functional and non-functional requirements, developing a layout diagram of their user interface, plan out possible functionality and create a testing table to evaluate their final produce.

With direction from the teacher they will learn how to create a Graphical User Interface for a mobile platform. Then using a software platform and assistance from the teacher, they will create a product based on their initial plans.

Examples of possible programs: Coin Flipper, Calculator, multiuser text-based messaging, 3D virtual space.

PRODUCT DESIGN AND TECHNOLOGY - METALS

Pathway: This elective prepares students for VCE Product Design and Technology – Metal Units 1-4.

Description of the Learning: In this elective students learn to be tomorrow's innovators. Students develop a pathway to pursue employment in growth areas such as design, engineering, robotics, transport, construction, infrastructure and essential services. Learning how to think, problem-solve and produce solutions is at the core of this subject. Young people with highly developed skills and knowledge are essential to the success of our local and national economy, by providing industry with a culture of design-based thinking/problem-solving, efficient hand and production skills and a willingness to evolve with technology.

Students will respond to a client's design brief by following a structured design process and then produce the product they have designed primarily out of steel. The design brief provides a number of constraints that the student must incorporate within their product as well as incorporating some of their own ideas to add value to the final product. They must use current and emerging technologies/tools to produce their product and may include some outsourcing to assist with completion.

The journey of design through to production is documented in a folio which serves as a valuable resource for future employment, VCE/VET subjects and tertiary studies. If designing/making meaningful projects, using traditional and emerging processes and developing employability skills interests you, then Product Design and Technology - Metal is the subject for you.

This subject caters for:

- Students wishing to further their studies in VCE Product Design and Technology with a view to tertiary studies/industry employment.
- VCE Product Design and Technology students wishing to undertake VET Engineering as part of their VCE coursework and enter the trade sector.

TEXTILES

Pathway: This elective prepares students for VCE Product Design and Technology – Textiles Units 1-4.

Description of the Learning: Would you like to be a creative designer in the world of Textiles?

This unit is designed to encourage you to develop your skills in the making of Textile articles and garments. You will use a variety of decorative surface techniques and a combination of hand and machine processes.

You will have the opportunity to improve practical skills and become more confident in using the sewing machine and overlocker.

Students will develop general life skills in this unit which will assist in working in a large range of career areas including; fashion; home décor; craft and Textile manufacture for retail; market selling; dressmaking; artistic creation and personal expression.

This is a great subject for those possibly interested in undertaking VCE Product Design and Technology – Textiles or interested in undertaking a vocational pathway such as VET Certificate II in Applied Fashion Design and Technology.

PRODUCT DESIGN AND TECHNOLOGY - TIMBER

Pathway: This elective prepares students for VCE Product Design and Technology – Timber Units 1-4.

Description of the Learning: In this subject students learn to be tomorrow's innovators. Students develop a pathway to pursue employment in growth areas such as design, engineering, robotics, transport, construction, infrastructure and essential services. Learning how to think, problem-solve and produce solutions is at the core of this subject. Young people with highly developed skills and knowledge are essential to the success of our local and national economy by providing industry with a culture of design-based thinking/problem-solving, efficient hand and production skills and a willingness to evolve with technology.

Students will respond to a client's design brief by following a structured design process and then produce the product they have designed primarily out of timber. The design brief provides a number of constraints that the students must incorporate within their product as well as incorporating some of their own ideas to add value to the final product. They must use current and emerging technologies/tools to produce their product and may include some outsourcing to assist with completion.

The journey of design through to production is documented in a folio which serves as a valuable resource for future employment, VCE/VET subjects and tertiary studies. If designing/making meaningful projects, using traditional and emerging processes and developing employability skills interests you then Product Design and Technology - Timber is the subject for you.

This subject caters for:

- Students wishing to further their studies in VCE Product Design and Technology with a view to tertiary studies/industry employment.
- VCE Product Design and Technology students wishing to undertake VET Building and Construction or VET Furniture Making Pathways as part of their VCE coursework and enter the trade sector.



MUSIC ELECTIVES

Contact Person:**Lachlan Gallacher (Music Domain Leader)**

MUSIC INSTRUMENTAL PERFORMANCE

Pathway: This elective prepares students for VCE Music Performance.

Description of the Learning: This elective is designed to prepare students with the skills and pre-knowledge to undertake VCE Music Performance. If you choose this course, it is a requirement that you:

- Play one of the following instruments:
 - Woodwind – Flute, Clarinet, Bass Clarinet, Saxophone
 - Brass – Trumpet, French Horn, Trombone, Euphonium, Tuba
 - Percussion – Mallets, Timpani, Auxiliary, Snare/ Bass drum etc.
 - String – Violin, Viola, Cello, Double Bass
- Are having music lessons at school or have completed a Year 9 Music elective.

Students who play Guitar, Keyboard, Voice or Drum kit should look at Music: Performance & Investigation.

Following on from Year 9 Band Instrumental, Music: Instrumental Performance continues to build your musical capabilities through participating in band and ensembles. Students study the work of other performers and explore strategies to optimise their own approach to performance. They identify technical, expressive and stylistic challenges relevant to works they are preparing for performance and study aural, theory and analysis concepts to develop their musicianship skills. Students will focus on analysis of music being prepared for performance. Students will develop their knowledge to assist them in activities involving composing, arranging or improvising.

MUSIC PERFORMANCE AND INVESTIGATION

Pathway: This elective prepares students for VCE Music Performance and VCE Music Investigation.

Description of the Learning: If you are thinking of choosing VCE Music Performance or VCE Music Investigation, then this is the elective for you! It is recommended that you have been learning your instrument or voice prior to commencing this unit and that you have satisfactorily completed Year 9 Band/Instrumental or Music as you will continue to build on the music knowledge and skills developed in those units.

It doesn't matter what instrument you play, as this elective accommodates all instruments, voice and styles. You will further develop your performance skills on your instrument/voice, both solo and in group ensembles. You will investigate what composers may have intended when writing their works and will prepare performance notes for our concert program. You will further develop your aural and theory skills and use computer programs for composing, skill development, researching, publishing, editing and arranging. You will investigate a variety of musical styles and genres from different times including Jazz and Multicultural Music. Through these topics you will develop your listening, appreciation and score analysis skills. There will also be an opportunity for you to go on an excursion to attend a concert.

MUSIC STYLES AND COMPOSITION

Pathway: This elective prepares students for VCE Music Styles and Composition.

Description of the Learning: This elective is designed to prepare students with the skills and pre-knowledge to undertake VCE Music Styles and Composition. If you choose this elective, it is recommended that you are:

- Having regular music lessons at school and have been learning for 3+ years.
- Have completed a Year 9 Music elective.
- Confident in or are ready to develop your music theory skills.
- Confident in or are ready to develop your aural music skills.

This class will have an emphasis on the analysis and composition side of music, with you developing your listening skills and your music appreciation skills. You will learn how to identify and describe how the elements of music can shape a piece of music, developing a vocabulary of musical terminology to help you describe what you hear. You will understand why composers make compositional choices and use different compositional devices to manipulate the listener into hearing what the composer intends you to hear.

Alongside the development of your analysis skills, you will develop a portfolio of compositions that demonstrate your understanding of compositional devices and stylistic choices. You will apply the skills and knowledge gained through musical analysis in your own compositions, creating short and longer-form pieces of music and submit them at the end of the semester as a portfolio project.

MUSIC INDUSTRY

Pathway: This elective prepares students for VET Music Industry Certificate II.

Description of the Learning: This introductory Music Industry certificate is an excellent beginning for students who are interested in the sound technology and sound production side of music study.

Students learn about developing skills in playing or singing music (even if you haven't previously played but would like to start), incorporating technology in music making, developing basic audio skills and knowledge, music business subjects and music industry Work Health and Safety.

This level II qualification provides entry level skills to students who haven't previously completed any music industry training but would like to explore music related skills in sound production and business contexts.

Students who complete this certificate may choose to continue in year 11 and 12 to complete Certificate III in Music Industry in either a performance stream or a sound production stream over two years. undertake VCE Health and Human Development.



HUMANITIES/ SCIENCE ELECTIVE

Contact People:

Sarah Beattie (Science Domain Leader) and
Craig Parker (Humanities Domain Leader)

*The Sociology Elective can be selected as either a Science or
Humanities Elective.*

SOCIOLOGY

Pathway: This elective prepares students for VCE
Sociology

Description of the Learning: What is Sociology? How does
it impact our everyday lives?

In this elective we will look at a variety of topics that are of
significance in today's society, such as sport, religion and
spirituality in a changing Australia, new terrorism and licit
and illicit drugs.

This elective will help you look at societal issues in a
different way, by examining biases, approaching current
events and discussions from a different perspective and
making links between individual troubles and public
issues. You will complete first hand research and learn to
analyse different types of print and digital media.



HUMANITIES ELECTIVES

Contact Person:

Craig Parker (Humanities Domain Leader)

Over the course of the year students must undertake one Humanities Elective.

DOLLARS AND SENSE - ACCOUNTING

Pathway: This elective prepares students for VCE Accounting

Description of the Learning: Are you someone who wants to maximise your future wealth by developing your budgeting and investing skills, and ensuring you are maximising your tax return? Do you want to be your own boss? To be successful in business, you will need to know how to manage your businesses finances. This elective introduces you to the basics of accounting and money management. Real world topics covered will include income, spending and saving, as well as investing. Students will design budgets, gain knowledge in finance and credit card management, play the ASX stock market game, and understand insurance and taxes.

At the end of the elective, students should be able to produce current and budgeted financial records for both themselves and a business, and prepare relevant accounting reports. This will be achieved through traditional recording techniques as well as using digital methods such as Excel and electronic accounting packages.

INTRODUCTION TO THE BUSINESS WORLD

Pathway: This elective prepares students for VCE Economics and VCE Business Management.

Description of the Learning: This elective focuses on the ever changing 'modern business world'. It is a broadly-based Commerce elective investigating the importance to business of the four main Commerce areas. Students will investigate how Australia's wealth is generated and distributed. They will gain an understanding of the interdependence of Australia's businesses and the economy. Students learn what is required to start a small business, including legal obligations, finance, marketing, entrepreneurship and management of a business. By undertaking this course, students should gain an understanding of the various interrelated aspects of the Business World.

EMPOWERED YOUTH

Pathway: This elective prepares students for VCE Legal Studies and VCE Australian and Global Politics.

Description of the Learning: This elective is designed to lead into VCE Legal Studies and ignite interest in VCE Australian and Global Politics. Students will build on their understanding of the concepts of the Westminster system, democracy, democratic values, justice and participation. They will examine the role of the key players in the political system, the way the citizens' decisions are shaped during an election campaign and how a government is formed. Students investigate how Australia's court system works in support of a democratic and just society.

GEOGRAPHY: PEOPLE AND THE ENVIRONMENT

Pathway: This elective prepares students for VCE Legal Studies and VCE Geography.

Description of the Learning: This elective combines environmental geography and human geography. It investigates how we can best care for our environment and also ensure that people around the world can access the things they need to live happy and healthy lives. In *People and the Environment*, we will learn about challenges such as pollution, climate change and invasive species like the cane toad. We'll then look in depth at rivers, lakes and wetlands both in our local region and around the world. In human geography, we'll examine differences in health, wealth and education levels around the world. We'll use lots of interesting case studies like the global chocolate trade, piracy off the coast of Somalia, smoking among young people in Indonesia and efforts to contain the Ebola virus. This unit will develop your curiosity, knowledge and interest in people and places. **Approximate Subject Levy - \$10**

ECONOMICS: MONEY, MONEY, MONEY

Pathway: This elective prepares students for VCE Economics.

Description of the Learning: Are you interested in finding out about how Government decisions impact on your pocket? Or the financial consequences of taking out a payday loan or participating in online gambling? Do you want to know how Australia's economy compares with others around the world? In this Economics elective, you will learn about two topics: personal financial management, and Australia's economy. Activities will involve completing an assignment on purchasing an investment property and creating a report on business

confidence in Shepparton using information gathered from local organisations. Students will visit local businesses to investigate how they use innovation to create and maintain a competitive advantage. Extension activities will require students to become economists and develop solutions to economic problems such as overpopulation and unemployment.

LEGAL STUDIES: YOU BE THE JUDGE

Pathway: This elective prepares students for VCE Legal Studies.

Description of the Learning: In this elective, you will learn the basics of Victoria's criminal and civil justice system. Example topics include what the sentencing stage of a criminal case involves and the different ways of resolving a civil dispute.

You also will learn the basics of Australia's political system. Example topics include the relationship between the media and politics, and the methods Australians can use to try to get politicians to reform the law.

Finally, you will visit the Shepparton Law Courts to experience first-hand how Victoria's courts operate.

HISTORY: AUSTRALIANS AT WAR

Pathway: This elective prepares students for VCE History.

Description of the Learning: In this elective we focus on wars in which Australians have been involved since 1939. The main topics are: World War II (including the Battle for Australia, Kokoda Track, Sandakan Death March and the dropping of the atomic bomb), the Korean War and the Vietnam War. We will examine the waves of migration to Australia that occurred after World War II and the Vietnam War. There is an emphasis on understanding why we became involved in these conflicts and empathising with and respecting the contributions of those service personnel who risked and lost their lives as a result. You will develop your writing and research skills through class discussions and individual projects.

HISTORY: CONFLICT AND CHANGE

Pathway: This elective prepares students for VCE History.

Description of the Learning: This elective will enable students to develop an understanding of movements which have had an important influence in changing the culture of Australia since 1945.

Topics covered are:

- Popular culture, including music, film and sport
- The Environmental movement
- Multiculturalism in Australia
- Post WW2 and the Cold War
- Civil Rights and Movements

HISTORY: RIGHTS AND FREEDOMS

Pathway: This elective prepares students for VCE History.

Description of the Learning: What rights and freedoms do we have? Does the law protect these rights? Do all people experience these rights and freedoms equally? In this History elective we'll explore the struggle for human rights and examine the development over the past century of an indigenous rights movement here in Australia. We'll compare these with civil rights movements in other countries since 1945, including those of African-Americans in the USA and Maoris in New Zealand. Finally, we'll analyse the state of rights and freedoms in Australia today, and consider our role in ensuring equal rights for all. This elective will help to build your skills in sequencing events; processing, analysing and synthesising information from primary and secondary sources; and developing historical arguments.





SCIENCE ELECTIVES

Contact Person:
Sarah Beattie

Over the course of the year students must undertake one Science Elective.

BIOLOGY: DNA ALL THE WAY

Pathway: This elective prepares students for VCE Biology.

Description of the Learning: In this elective you will look at the structure of DNA and the function of genes and how genes allow the transmission of traits from one generation to another. You will explore the use Punnett Squares to predict the results from specific mating examples.

The theory of evolution by natural selection, which explains the diversity of living things, and the evidence that supports this theory will be considered.

You will investigate gene technologies, such as gene therapy and genetic engineering, and the ethical concerns that surround these.

You will further develop their Science Inquiry skills through designing, undertaking recording and analysing data, and reporting on an investigation into a Biological process.

CHEMISTRY: GET A REACTION

Pathway: This elective prepares students for VCE Chemistry.

Description of the Learning: In this elective, you will explore matter as being made up of atoms and molecules and chemical reactions involve atoms being rearranged and recombined to form new substances. Atomic symbols and balanced chemical equations will be used to summarise different types of chemical reactions. You will investigate how different factors influence the rate of reactions.

You will also investigate the relationship between the arrangement of atoms and the properties of substances and explore how elements are represented in the periodic table based on their structure and properties. You will compare the properties of a range of elements representative of the major groups and periods in the periodic table.

PHYSICS: PARTICLES TO PULSARS

Pathway: This elective prepares students for VCE Physics.

Description of the Learning: In this elective you will learn the basics of how motion can be described and predicted using Newton's Laws of motion. You will learn how heat transfer can be modelled using the motion of particles and describe how heat is transferred in everyday situations. We will investigate the science around human induced climate change. You will then look outwards and backwards as we apply these two concepts of motion and heat to look at the current understanding around the birth and evolution of our universe, from Big Bang to now. Students will develop practical investigation skills and the ability to use mathematical models to make predictions about both motion and temperature, applying these skills in a student designed investigation.

PSYCHOLOGY: HOW THE BRAIN WORKS

Pathway: This elective prepares students for VCE Psychology.

Description of the Learning: In this elective, you will learn a variety of critical thinking and research skills to prepare you for undertaking VCE Psychology. A range of different questions will be investigated in this subject including:

- What is psychology?
- What role do the brain and nervous system play in thoughts and behaviours?
- Why do we sleep?
- How can we protect our mental health?
- How do psychologists conduct experimental research?

You will investigate well known psychological experiments that have been conducted over the past century and will also have opportunities to conduct their own experimental research on topics that interest them.





HEALTH ELECTIVES

Contact Person:
Hadleigh Sirett (Health/PE Domain Leader)

HHD A: INTRODUCTION TO HEALTH AND HUMAN DEVELOPMENT

Pathway: This elective prepares students for VCE Health and Human Development.

Description of the Learning: This elective has been designed to introduce you to many concepts explored in VCE Health and Human Development. Completing this elective will provide you with knowledge in the following areas:

- The 5 dimensions of health and wellbeing and how they interact to create an overall state of wellbeing.
- Personal perspectives of health and wellbeing.
- The indicators that measure health.
- Improve their health literacy by using and interpreting data relating to the health of young people.
- Stages of the human lifespan/parenting.
- Development – physical, intellectual, social and emotional development.
- Factors contributing to variations in Health Status.
- Nutrients and their impact in health and wellbeing.
- Youth issues – looking at the various aspects of health and wellbeing that require action – for example: injury, mental health, alcohol issue, illicit drugs.

HHD B: DRUGS AND ADOLESCENT HEALTH

Pathway: This elective prepares students for VCE Health and Human Development.

Description of the Learning: *Drugs and the Adolescent* takes a broad look at the causes and impacts of drug misuse on the individual, family and community (including the physical, emotional, social and financial impacts). It explores current issues relating to young people and drugs, including risk taking behaviour, binge drinking, drink spiking, decision-making as well as the impact of perceptions and the media on drug use and the law relating to drugs in Australia.

CHILD DEVELOPMENT

Pathway: This elective prepares students for VCE Health and Human Development.

Description of the Learning: Child Development is a semester long subject that discusses a variety of topics related to pregnancy, childbirth and the early years of childhood. These include pre and postnatal development and factors that can impact these, fertility, IVF, birthing options, postnatal depression and parenting.

Some activities may include guest speakers, connections with community support and becoming the parent of a “baby.”

Assessments for Child Development include:

- Biological Birth Defects Research.
- Real Care Baby simulation.
- Postnatal Depression Research.
- What makes a parent? – looking at the sacrifices, roles and responsibilities of being a caretaker.



PHYSICAL EDUCATION ELECTIVES

Contact Person:

Hadleigh Sirett (Health/PE Domain Leader)

Over the course of the year students must undertake one Physical Education Elective.

UNIT 1 & 2 OUTDOOR EDUCATION

Pathway: Unit 1 & 2 Outdoor Education is a VCE subject that can only be taken in Year 10.

Description of the Learning: The Outdoor and Environmental Studies (OES) course focuses on the way people relate with natural places, the impact we have on these places and strategies for ensuring these places are protected for the future. There will be two or three trips each unit of three to four days each, in which adventure activities - including hiking and overnight camping - are used as a means of journeying through and studying natural environments. Trips are a compulsory part of the OES course. A medical certificate or note countersigned by the school principal or VCE Coordinator must be provided to the OES teacher if unable to attend a trip.

PHYSICAL EDUCATION A: HUMAN MOVEMENT AND SPORTS SCIENCE

Pathway: This elective prepares students for VCE Physical Education.

Description of the Learning: This elective is aimed at providing the knowledge and skills to prepare for VCE Physical Education and a future career in the sporting industry. It has both practical and theoretical components focusing on building basic knowledge of acute responses to physical activity and biomechanics of the human body. In theory classes, you will look at the skeletal, muscular, cardiovascular and respiratory systems, and how the body responds to exercise. You will also gain an understanding of how skills are classified, Newton's 3 Laws of Motion and basic biomechanics principles. Practical classes will be focused on applying the theory concepts to a range of different physical activities where you will be required to collect, analyse and evaluate primary data.

PHYSICAL EDUCATION B: HUMAN MOVEMENT AND SPORTS SCIENCE

Pathway: This elective prepares students for VCE Physical Education.

Description of the Learning: This elective is a follow on from the Human Movement and Sports Science A elective and is aimed at providing the knowledge and skills to prepare for VCE Physical Education and a future career in the sporting industry. It has both practical and theoretical components focusing on building basic knowledge of how the body produces energy and the foundations of an effective training program to improve physical fitness. In theory classes, you will look at energy systems, fitness components, training principles and methods. You will also gain an understanding of games analysis and explore deeper into the muscular system. Practical classes will be focused on applying the theory concepts to a range of different physical activities where you will be required to collect, analyse and evaluate primary data.

*** Please be aware that you do not have to have completed Human Movement and Sports Science 1 in order to do this unit however, it is recommended.**

ACTIVE FOR LIFE A

Pathway: This elective prepares students for VET Certificate III in Sport and Recreation.

Description of the Learning: Active for Life A is a mixed gender class which focuses on the importance of lifelong physical activity for overall health and wellbeing. It is aimed at those who would like to keep active and participate in physical activities in a non-competitive environment. It has both practical and theoretical components focusing on healthy people and communities, basic first aid and lifestyle diseases. The practical sessions will focus on exploring a range of recreational activities in our community and using these facilities to meet the recommended daily amount of physical activity. The theory sessions will focus on relevant contemporary issues associated with Australian communities.

ACTIVE FOR LIFE B

Pathway: This elective prepares students for VET Certificate III in Sport and Recreation.

Description of the Learning: This elective is a follow on from the Active for Life A elective and is a mixed gender class which focuses on the importance of lifelong physical activity for overall health and wellbeing. It is aimed at those who would like to keep active and participate in physical activities in a non-competitive environment. It has both practical and theoretical components. The practical sessions will focus on exploring a range of recreational activities in our community and using these facilities to meet the recommended daily amount of physical activity. The theory sessions will focus on the skills required for effective communication, characteristics of a healthy relationship, body image and community programs that encourage people to be active.

*** Please be aware that you do not have to have completed Active for Life 1 in order to do this unit however, it is recommended.**

OUTDOOR RECREATION

Pathway: This elective prepares students for VET Certificate III in Sport and Recreation.

Description of the Learning: This subject is aimed to provide outdoor adventure experiences, without the dedication required for VCE Outdoor & Environmental Studies. The subject will include a more practical approach to learning about the outdoor environment, whilst applying theoretical knowledge and skills to practical components. The subject will focus on having safe and sustainable interactions to recreational based activities which are easily accessible for students in the outside world. This subject includes upskilling yourself in a particular activity, which will be conducted in your own time outside of school, with a project to reflect on this. Other practical experiences include knot tying, weather reading and bush cooking. Relevant theory topics coincide with these practical topics and will all be assessed accordingly.

SPORT, RECREATION & LEADERSHIP A

Pathway: This elective prepares students for VCAL, SEDA Program, and VET Certificate III in Sport and Recreation.

Description of the Learning: This is a fun filled elective where you explore a number of sports and activities to maintain and improve your health and wellbeing. The main aim of this elective is to ensure you are physically active each week. A focus will be on maximizing involvement, where you will participate in SEPEP programs to enhance your leadership and organisation abilities. By understanding rules, tactics and developing skills of various sports, it is hoped that you will be able to incorporate physical activity into your lives as you grow. As a lead into VET Sport and Recreation, you would also investigate issues facing the sport and recreation industry and ethical issues in sport. You would have the opportunity to demonstrate Leadership by being involved in Primary School Sports or Interschool Sports days where possible.

You will have the opportunity to learn about:

- SEPEP , Coaching , Officiating, Leadership Roles in Sport.
- Event Organisation and assistance.
- Physical activity levels and Fitness.
- Ethical issues in sport (drugs, cheating, WADA, sport and the law).

You will also have the opportunity to participate in a range of physical activities and sports including: AFL 9's, Korfbal and Volleyball.

SPORT, RECREATION & LEADERSHIP B

Pathway: This elective prepares students for VCAL, SEDA Program, and VET Certificate III in Sport and Recreation.

Description of the Learning: This is a fun filled elective where you explore a number of sports and activities to maintain and improve your health and wellbeing. The main aim of this elective is to ensure you are physically active each week. A focus will be on maximizing involvement, where you will participate in SEPEP programs to enhance your leadership and organisation abilities. By understanding rules, tactics and developing skills of various sports, it is hoped that you will be able to incorporate physical activity into your lives as you grow. As a lead into VET Sport and Recreation, you would also investigate issues facing the sport and recreation industry and ethical issues in sport. You would have the opportunity to demonstrate Leadership by being involved in Primary School Sports or Interschool Sports days where possible.

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- SEPEP , Coaching , Officiating, Leadership Roles in Sport.
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- Physical activity levels and Fitness.
- Ethical issues in sport (drugs, cheating, WADA, sport and the law).

You will also have the opportunity to participate in a range of physical activities and sports including: AFL 9's, Korfbal and Volleyball.





LANGUAGES ELECTIVES

Contact Person:

Carla Stevens (Languages Domain Leader)

Students choosing to study a language are required to select this elective for the whole year (A & B).

ITALIAN A & B

Pathway: This elective prepares students for VCE Italian.

Description of the Learning: For Year 10 Italian, you will use every day spoken and written Italian to exchange information, communicate your opinions and make comparisons. This course aims at further developing your listening, reading, writing and speaking skills in the language, and growing your knowledge of Italian culture and history in preparation for the VCE. You will be exposed to a variety of texts, participate in activities which require you to work collaboratively to engage in spontaneous communication, and where possible participate in real situations using and adapting the language learnt in class.

Semester 1 topics:

1. "Come festeggiamo il fine settimana?" (How do we celebrate the weekend?) In this topic we will learn Italian language associated with celebrations, local festivals and going out. This topic will include learning to speak and write in the past tense.

2. 'Buon Viaggio!' (Have a good trip!) Through this topic, we will learn how to talk about holidays and habitual events in the past. We will also learn about how Italians spend their holidays, the concept of ecoturismo, and discover the history of the Enlightenment. You will work with a team and undertake comparative research on the architecture of the period studied and present your findings to the class.

Semester 2 topics:

1. 'Italiani in Australia' For this unit we will focus on travel, learning about Australia's immigration, in particular the influx of Italians, and **il Romanticismo**. In groups you will compare different accounts of immigration, including ones found through online research and in-person interviews, to create a presentation about Italian immigration.
2. 'Tecnologia e ambiente' For this topic we will learn about modern technology, how to discuss environmental problems and how to give suggestions and orders

JAPANESE A & B

Pathway: This elective prepares students for VCE Japanese.

Description of the Learning: This year long elective aims to develop more fluency and accuracy in both spoken and written language. We explore and produce a range of texts associated with different contexts, and analyse information and concepts relevant to your social, culture and communicative interests. You will expand the range and nature of your learning experiences and the contexts within which you communicate with others. We use a wide range of formulaic expressions essential for interaction in everyday Japanese interactions.

You will use a greater number of Kanji and increasingly apply your understanding of your known Kanji to predict the meaning of unfamiliar words.

You will investigate Japanese design influences on fashion globally; learn about common manners in Japanese traditional sports; Japanese etiquette, social customs and cultural features of living in a Japanese home.

You will develop and demonstrate your oral language, literacy, and intercultural skills and knowledge, through writing, engaging in role-plays, enquiry-based tasks, authentic real-life projects, creative tasks, and multimodal presentations.

Topics include: shopping; going to a restaurant; asking for prices and using money; describing someone's physical appearance and personality, getting a job; traditional and contemporary sports and leisure; giving directions; asking and giving permission.

AUSLAN A & B

Pathway: This elective prepares students for VCE AUSLAN.

Description of the Learning:

Description of the Learning: At Year 10, you will expand on previous language experiences, building your knowledge of vocabulary and use of more elaborate signed sentence structures to enable effective interactions within both formal and informal contexts, for a range of purposes. Task characteristics and conditions are more complex and challenging; you will be involved in collaborative as well as independent language planning and performance. You will interact with peers, teachers and others using Auslan to communicate about personal interests and broader issues relating to the Deaf community.

Topics studied will increase your capacity to ask questions, retell past experiences, make and share plans, make comparisons, express opinion, debate issues and share future aspirations. You will make connections between language and culture and make comparisons with your own language(s) and culture(s). You will evolve your understanding of the nature of translation and interpretation, noticing the relationship between language, texts and culture. Intercultural understandings will develop through the exploration of topic related research, class

discussions, explaining and clarifying, asking follow-up questions, using non-manual features and modelling cultural behaviours.

Semester 1: Auslan A

Holiday Destinations & Itineraries

Related Learning: Weather; Make plans with friends; Lifestyles preferences – comparisons of Australian holiday destinations and activities; Family holidays and routines; Visual Advertisements for holiday; Itineraries - holiday planning.

Text Types: Conversation; Survey; Retell; Photo Captions; Advertising Brochure; Signed Dialogue (collaboration)

Deaf Australians.

Related Learning: Deaf history & modern influences – (Sign Language origins – North-South dialects, variations); Movies - Deaf actors, Deaf TV shows, Deaf TV; Deaf Issues – work, education; identity. Sign Languages from around the world. (mapping similarities and differences)

Text Types: Video calls; Sign Language profiles (worldwide); descriptive; persuasive; vlog – signed articles; interviews – organise and interview a panel of Deaf people. (Zoom).

Semester 2: Auslan B

Our Environment – A Changing World

Related Learning: Technology – communication technology and assistive devices; Environmental Awareness & Issues; Caring for our Environment; Sustainable Living – Clothing, Foods, Recycling.

Text Types: vlog – diary entries; surveys; graphs, advice; instructions

World of Work

Related Learning: Future Plans; Areas of Interest; Career pathways – further education, vocational; Applying for a Job & Job interviews. Career as an interpreter in a technological world; Deaf focused businesses – Sign Language Cafes; Employment Agencies for Deaf applicants.

Text Types: interviews; flow chart – mapping; advertising announcements



Year 10 Subject Selection Planning and Preferences Sheet

Student Name: (including your last name): _____

Subject Counsellor: _____

When planning for your future, it is important to choose subjects at school that interest and motivate you to work hard, that way you will enjoy what you are doing! When planning your subject choices, it is also really important to remember that you don't have to have a career in mind at this stage, you just need to choose a broad range of subjects that will give you plenty of choice as you move through school and life.

The following exercises are to help you organise your ideas before you attend your subject counselling appointment.

How you do learn...do you like to learn by (tick the box/es that suit you best):

- | | |
|--|--|
| <input type="checkbox"/> Seeing and reading | <input type="checkbox"/> Doing projects |
| <input type="checkbox"/> Listening and talking | <input type="checkbox"/> Doing tests |
| <input type="checkbox"/> Using your hands | <input type="checkbox"/> Working in a team |
| <input type="checkbox"/> Working alone | <input type="checkbox"/> Other _____ |

What subjects and electives did you do this year in year 9? Did you like or dislike this subject?

List the subjects you studied this year in the first box, then tick whether you liked or disliked the subject in the box next to it. Be honest!!!

SUBJECTS I DID	I LIKED THIS SUBJECT	I DIDN'T LIKE THIS SUBJECT

Jobs and careers that interest me.....

What are some of the jobs or careers that interest you? You might just have an area of work that interests you, for example, Science, Art, working with my hands etc. If you don't know, that's OK too. If you do have an idea/s, list them below:

THE YEAR 10 PROGRAM

Year 10 represents the beginning of your Senior School program at Greater Shepparton Secondary College. Students wishing to undertake VCE courses or commence a VET in Schools program must apply to do so and meet school criteria.

The Year 10 program is made up of core (compulsory) and elective subjects. All students will complete 2 core subjects and 8 elective subjects across the year.

Core Subjects

Core (compulsory) subjects are the subjects that all students MUST study as part of your Year 10 program. These subjects are:

- A strand of English – 2 semester units
- A strand of Mathematics – 2 semester units
- VCE Unit 1 Industry and Enterprise – 1-year unit

Elective Subjects

Students are able to pick 8 elective subjects they would like to complete as their first choice for the Year 10 program and 8 elective subjects as a reserve. A year-long elective and a VCE subject equals 2 of your 8 elective subjects. Elective subjects that are being offered in 2021 are detailed in the 2021 Year 10 Subject Selection Booklet and the Senior Students Pathways Guide.

Students must choose one elective over the course of the year from the following subject areas:

- 1 Science Elective
- 1 Technology, Art or Music Elective
- 1 Physical Education Elective
- 1 Humanities Elective

When choosing your electives, think about trying out things that you may not have the chance to try before that interest you.

CORE SUBJECT PREFERENCES:

English _____

Mathematics _____

ELECTIVE PREFERENCES:

FIRST PREFERENCE	RESERVE PREFERENCES
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.

