Eltham High School

2027 Curriculum Guide

Year 10

Contents Page

Senior School Curriculum 03
2025 Curriculum Structure Information 04
Senior School Pathways 05
Learning Unit Guidelines 06
Enhancement Program 07
Centre for Higher Education Studies 08
Involve 09
Subject List 10
Periods Per Cycle Overview 12
Arts Subjects 13
Critical Inquiry Subjects 29
English Subjects 35
Health and PE Subjects 40
Humanities Subjects 50
Languages Subjects 60
Mathematics Subjects 65
Science Subjects 72
Technology Subjects 79
Curriculum Support Subjects 93

Senior School Curriculum.

Orianne Megaloudis: Senior School Leader

Year 10 is an exciting stage of learning at Eltham High School where students look ahead to future learning pathways. We aim to provide diverse and engaging opportunities for students to develop themselves as a whole person, both as learners and members of the broader community.

In Year 10 students begin to develop and consolidate the foundations for success in the final years of schooling through studying subjects with a stronger focus on VCE, engaging in a series of Seminars and Workshops within the Tutorial Program, whilst having the opportunity to explore the range of available pathways, including either a VET or VCE study through participating in the Enhancement program.

By entering Year 10, students formally enter the Senior School at Eltham High School. In doing so students are assigned a dedicated Year 10 Coordinator who will provide support and guidance to students in their chosen educational pathway. The Coordination will follow the student from Year 10 into Year 11 and 12, further building their confidence in the transition from senior years into future endeavours. Our focus of building and maintaining strong partnerships with families will ensure that each Year 10 student feels the positive effects of a team surrounding them on their education journey at Eltham High School.

From the electives offered in Year 10, students are required to select four 8 period electives and three 4 period electives over the year. Students approved to undertake a Unit 1 & 2 Enhancement and a Language (French or Indonesian) but also wishing to select an 8 period Arts or Technology elective essential to their future VCE pathway, should consult Ms Orianne Megaloudis.

Curriculum Structure Information.

Loren Clarke: Curriculum, Data, Assessment and Reporting Leader

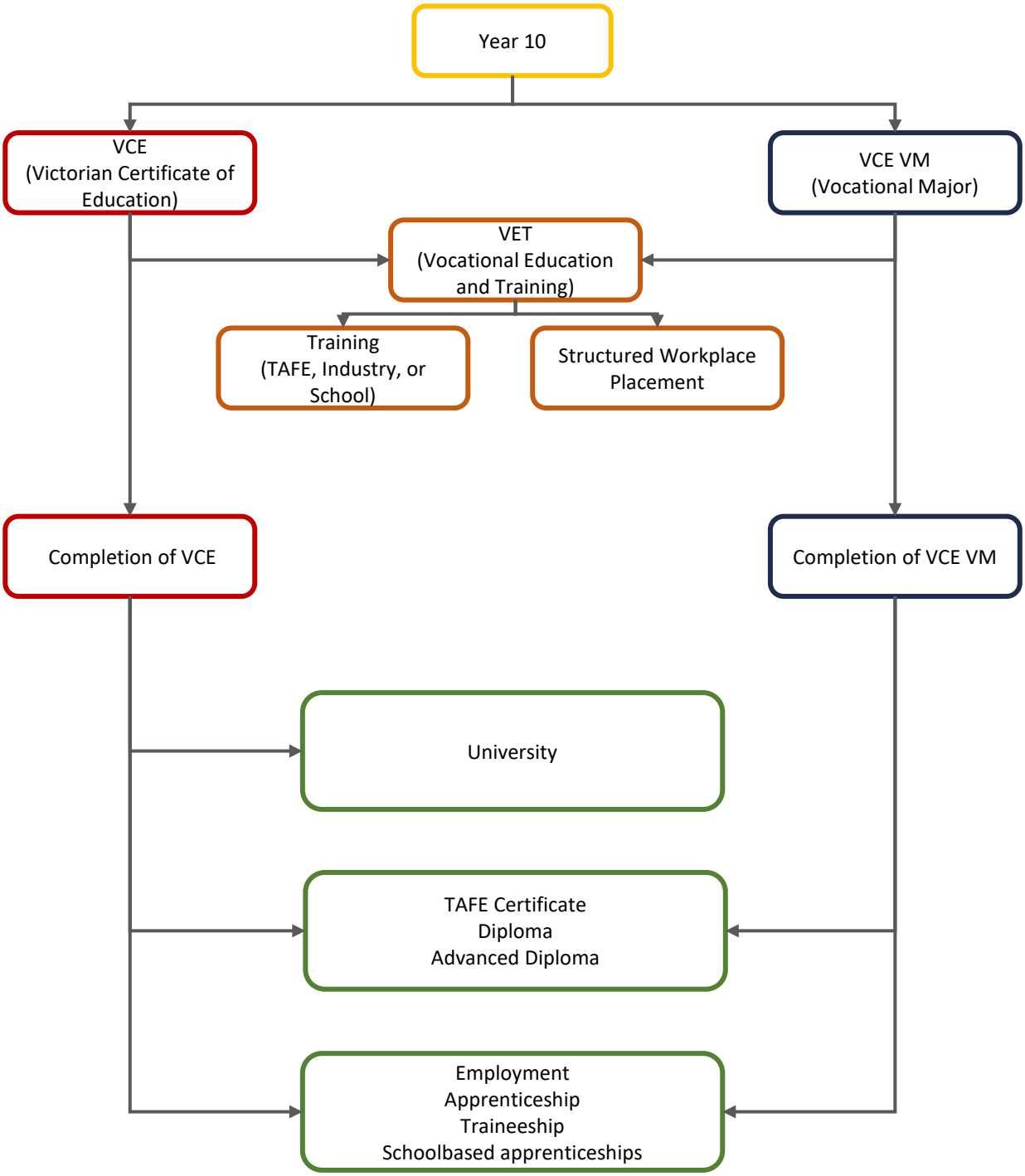
Eltham High School has a 5 period timetable structure, and a 10 day timetable cycle. Each period runs for 59 minutes. In light of this structure all subjects across Years 7-12 run as either 4 period or 8 period subjects. The school day is organised as outlined in the table below.

School Day Structure
Involve/Tutorial: 8:52-9:04
Period 1: 9:04-10:03
Period 2: 10:03-11:02
Recess: 11:02-11:27
Period 3: 11:27-12:26
Period 4: 12:26-1:25
Lunch: 1:25-2:10
Period 5: 2:10-3:09

All students in Years 7-10 undertake a 12 minute morning Involve session prior to the start of Period 1 on Tuesday to Friday each week. They also undertake one 59 minute period of Involve across the fortnight. This time is designed to enhance connections between students, provide essential information regarding the school day, and to engage students in learning regarding wellbeing, study habits, and cross curricular skills.

Year 11 and 12 students have an Involve session once a fortnight. In addition their timetable includes assessment and seminar sessions.

Senior School Pathways.



Learning Unit Guidelines.

Requirements of Subject Selection

At Year 10 students are required to undertake subjects from each Key Learning Area, with only Languages as an optional choice. All other Key Learning Areas either have core subjects (eg English and Mathematics) or offer a suite of subject choices students must choose from (eg Arts and Technology). All Key Learning Areas also offer additional electives students can select from to complete their course.

When building a Year 10 course students need to meet the following requirements. Please note that students will not be able to determine which semester they undertake particular electives.

1. All students must select one English elective for Semester 1. They will then continue into Core English in Semester 2 in the same class.
2. All students must select a Digital Technology subject: either Digital Essentials or Digital Extension.
3. All students are required to choose at least one subject from the Technology KLA (either 1 x 4 or 1 x 8 period subject).
4. All students are required to choose at least one subject from the Arts KLA (either 1 x 4 or 1 x 8 period subject).
5. If a student chooses to study a language (Indonesian or French) they are required to undertake that subject in Semester 1 and Semester 2.
6. In the cells labelled '8 or 4 + 4' students can choose either 1 x 8 period subject or 2 x 4 period subjects.
7. Students approved to undertake a Unit 1 & 2 Enhancement and a Language (Indonesian or French), but also wishing to select an 8-period Arts or Technology elective essential to their future VCE Pathway, should consult Ms Orianne Megaloudis.

Please note: in the table below each 'cycle' is two weeks, or a total of 50 periods.

Periods Per Cycle	Semester 1	Semester 2
8	English elective	English
8	Mathematics	Mathematics
8	Humanities	Science
4 + 4	PE	Elective
	STEAM Digital Dimensions **OR** STEAM Digital Synergy	Elective
8	Language or Elective	Language or Elective
8	Unit 1 & 2 VCE subject or Elective	Unit 1 & 2 VCE subject or Elective
2	Involve	Involve

Enhancement Program.

Year 10 Students have the opportunity to participate in the enhancement program by undertaking a Unit 1 & 2 subject or a VET course of study.

There are eligibility requirements students must meet in order to engage in the enhancement program. These include a range of criteria focused on submission of work, attendance, achievement, organisation, and engagement in their learning.

For further information regarding the Unit 1 & 2 VCE subjects and VET courses available to students please visit the VCE Handbook.

Centre for Higher Education Studies.

Orianne Megaloudis: Senior School Leader

The Centre for Higher Education Studies (CHES) offers opportunities to further improve educational outcomes for high-achieving and high-ability senior secondary school students across Victoria. At Year 10, CHES offers three specialised electives, each one semester in length and with flexible study options:

- Students can study more than one of these electives but will complete one each semester.
- These are not intended to replace electives that students undertake as part of their regular timetable, but instead provide enrichment and extension beyond the Eltham High School curriculum.
- Students will be expected to complete 2 or 3 hours of hy-flex learning each week.

Students interested in completing a subject through CHES should see Orianne Megaloudis in order to undertake the application process: https://ches.vic.edu.au/apply-now/application/.

Introduction to Algorithmics.

This subject will allow students to develop their computational and analytical thinking skills, engage with solving problems using pseudocode (including an introduction to using Python for coding). Students will learn how to solve real world problems using computational methods and about different types of Abstract Data Types.

Areas of Study:
Students will create individual and group Algorithm Design Projects.

Assessment:
Students will be assessed on their responses to their individual and group projects.

Prerequisites:
Students should have strong numeracy skills.

Pathways:
This subject will prepare students for Algorithmics Units 3 & 4

Involve.

Nadia Devlin: Student Agency and Growth Leader

All students in Year 10 participate in Involve as part of their daily program at Eltham High School. The curriculum for Year 10 Involve is designed to provide students with the skills and strategies they need to move successfully through Senior School and beyond, into further study and the workforce.

The program focuses on developing students understanding of self, interpersonal skills, study and organisational skills, and workplace readiness skills. The Involve teacher is an important point of contact for Year 10 students, supporting and encouraging them to pursue excellence in the individual pathways they have chosen.

At Year 10, Involve also hosts our Peer Mentoring Buddy Program, allowing senior students the opportunity to mentor and support our Year 7 students with their transition into secondary school.

Subjects.

Arts	**13**	Unit 1 & 2 Outdoor and Environmental Studies	46
Art	17	PE Pathways	47
Art Now	18	Skills for Life	48
Drama – Acting and Performing	19	Sports Management	49
Drama	20	**Humanities**	**50**
Drawing and Painting	21	Humanities	53
Filmmaking	22	Business Studies	54
Media	23	Criminal Law	55
Music	24	Geography Plus: Environmental Change	56
Music Performance Workshop	25	Global Studies	57
Photography	26	History Plus: Fall of the Roman Republic	58
Public Art	27	Philosophy	59
Visual Communication Design	28	**Languages**	**60**
Critical Inquiry	**29**	French	63
STEAM Digital Essentials	32	Indonesian	64
STEAM Digital Extension	33	**Mathematics**	**65**
Exploring Big Ideas	34	Core Mathematics	68
English	**35**	Essential Mathematics	69
English: Civilisation and Savagery	38	Extension Mathematics	70
English: Gothic Short Stories	38	Know Money	71
English: Indigenous Voices	38	**Science**	**72**
English: Stories for the Stage	38	Science	75
English	39	Biochemistry Perspective on the Future of Food	76
Health and Physical Education	**40**	Psych 101	77
Physical Education	43	Sports Medicine	78
Advanced Fitness and Training	44	**Curriculum Support**	**79**
Global Health and Wellbeing	45	Elevate Curriculum Support	80

Subjects.

Technology	80
Contemporary Objects - Metal	83
Data Analytics	84
Food by Design	85
Electronic Systems & Engineering	86
Food Off the Grid	87
Patisserie	88
Product Design – Fashion	89
Product Design – Metal	90
Product Design – Wood	91
Software Development	92
Curriculum Support	**93**
Elevate Curriculum Support	94

Periods Per Cycle Overview.

Arts	
Art	8
Art Now	4
Drama – Acting and Performing	8
Drama	4
Drawing and Painting	4
Filmmaking	4
Media	8
Music	8
Music Performance Workshop	4
Photography	8
Public Art	8
Visual Communication Design	8
Critical Inquiry	
STEAM Digital Essentials	4
STEAM Digital Extension	4
Exploring Big Ideas	8
English	
English: Civilisation and Savagery	8
English: Gothic Short Stories	8
English: Indigenous Voices	8
English: Stories for the Stage	8
English	8
Physical Education	
Advanced Fitness and Training	8
Global Health and Wellbeing	8
Unit 1 & 2 Outdoor and Environmental Studies	8
PE Pathways	8
Skills for Life	4
Sports Management	4

Humanities	
Humanities	8
Business Studies	8
Criminal Law	8
Geography Plus: Environmental Change	4
Global Studies	4
History Plus: Fall of the Roman Republic	8
Philosophy	8
Languages	
French	8
Indonesian	8
Mathematics	
Core Mathematics	8
Essential Mathematics	8
Extension Mathematics	8
Know Money	4
Science	
Science	8
Biochemistry Perspective on the Future of Food	4
Psych 101	4
Sports Medicine	4
Technology	
Data Analytics	4
Food by Design	8
Electronic Systems & Engineering	8
Food Off the Grid	4
Patisserie	8
Product Design – Fashion	8
Product Design – Metal	8
Product Design – Wood	8
Software Development	8
Contemporary Objects - Metal	4
Curriculum Support	
Elevate Curriculum Support	4

Arts.

Welcome to the Arts, where students can hone their skills in creativity, critical thinking, communication, collaboration and problem solving through a broad range of engaging electives.

The Arts offer unique learning opportunities that foster highly desirable skills for the 21st century. (Research has identified creativity as a key skill for more than 80% of future jobs.) The Arts also provides skills for life-long learning promoting growth, wellbeing, innovation and adaptability in its students.

By engaging in the Arts students critically reflect on the world around them, using personal and cultural lenses to consider differing viewpoints. They interpret and communicate their ideas through art making and performing.

The Arts KLA comprises two main areas of creative pursuit:

The Performing Arts encompassing Drama, Theatre Studies and Music.

The Visual Arts involving subjects related to Art, Media, Photography and Visual Communication Design.

All students must select a minimum of one elective from the Arts KLA as part of their year 10 course, however it is possible for students to select multiple Arts electives. Students can also apply to do a Year 11 enhancement subject as part of their Year 10 course.

Arts electives are either 8 or 4 periods:

8 period electives: are suitable for students who are interested, enjoy or are curious about the subject. Students will build their skills, techniques and knowledge in their chosen discipline. These are also our **potential pathway electives** and will build key skills, knowledge and language that equips students for further studies at VCE.

Students can elect to study: Art, Public Art, Visual Communication Design, Media, Music, Photography and Drama Acting and Performing.

4 period electives: are **skill focused** subjects that provide students with an opportunity to develop and refine their skills and knowledge in specific areas of the Arts. They can be selected as a stand alone subject or as a complement to eight period electives.

Four period electives include: Drama- Cue To Go, Music Performance Workshop, Art Now, Filmmaking, Drawing and Painting

VCE Enhancement: Students can elect to do a VCE enhancement subject as part of their Year 10 course. It is often a good idea for students who are considering doing more than one folio subject in VCE to do one as an enhancement. Subject teachers can provide guidance to individual students to support their pathway planning.

The Arts offers the following VCE subjects as a potential enhancement:

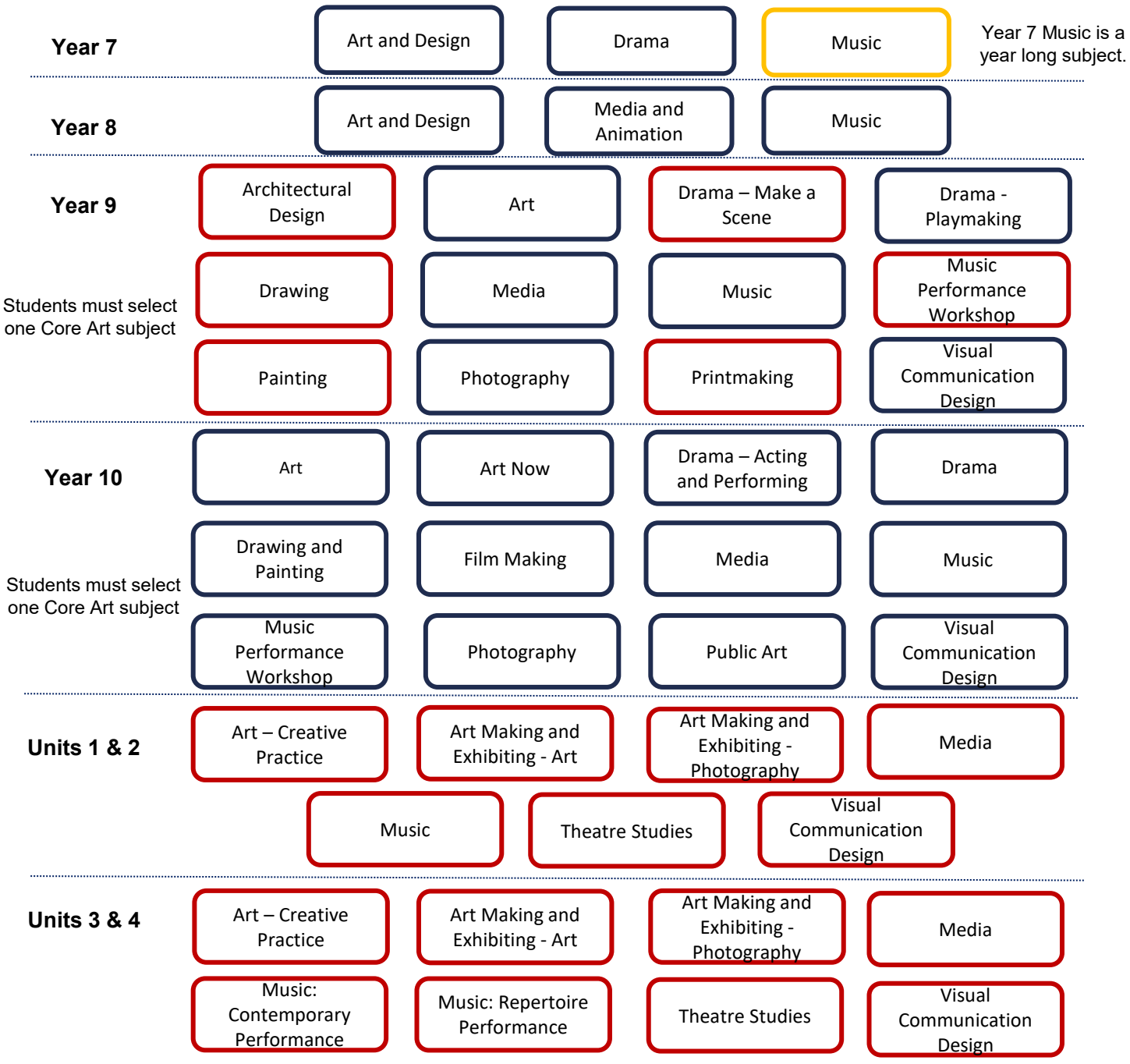
Art Creative Practice, Art Making & Exhibiting -Art, Art Making & Exhibiting- Photography, Media, Music, Theatre Studies, Visual Communication Design

For more information on these subjects refer to the VCE Handbook.

I found I could say things with colour and shapes that I couldn't say any other way – things I had no words for.

– Georgia O'Keeffe

Arts Subjects.



Core subject

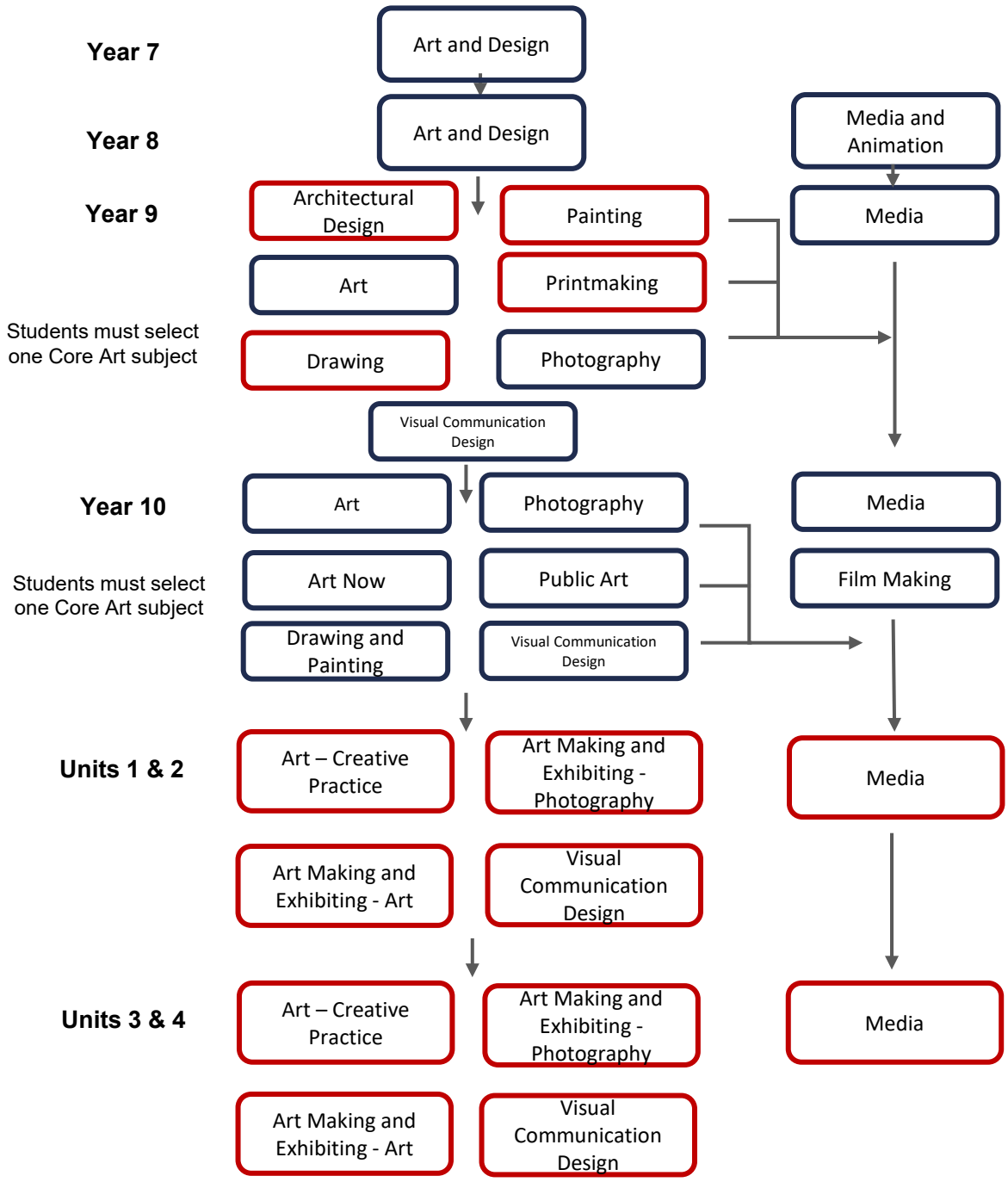
Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Arts Pathways Process.



Core subject

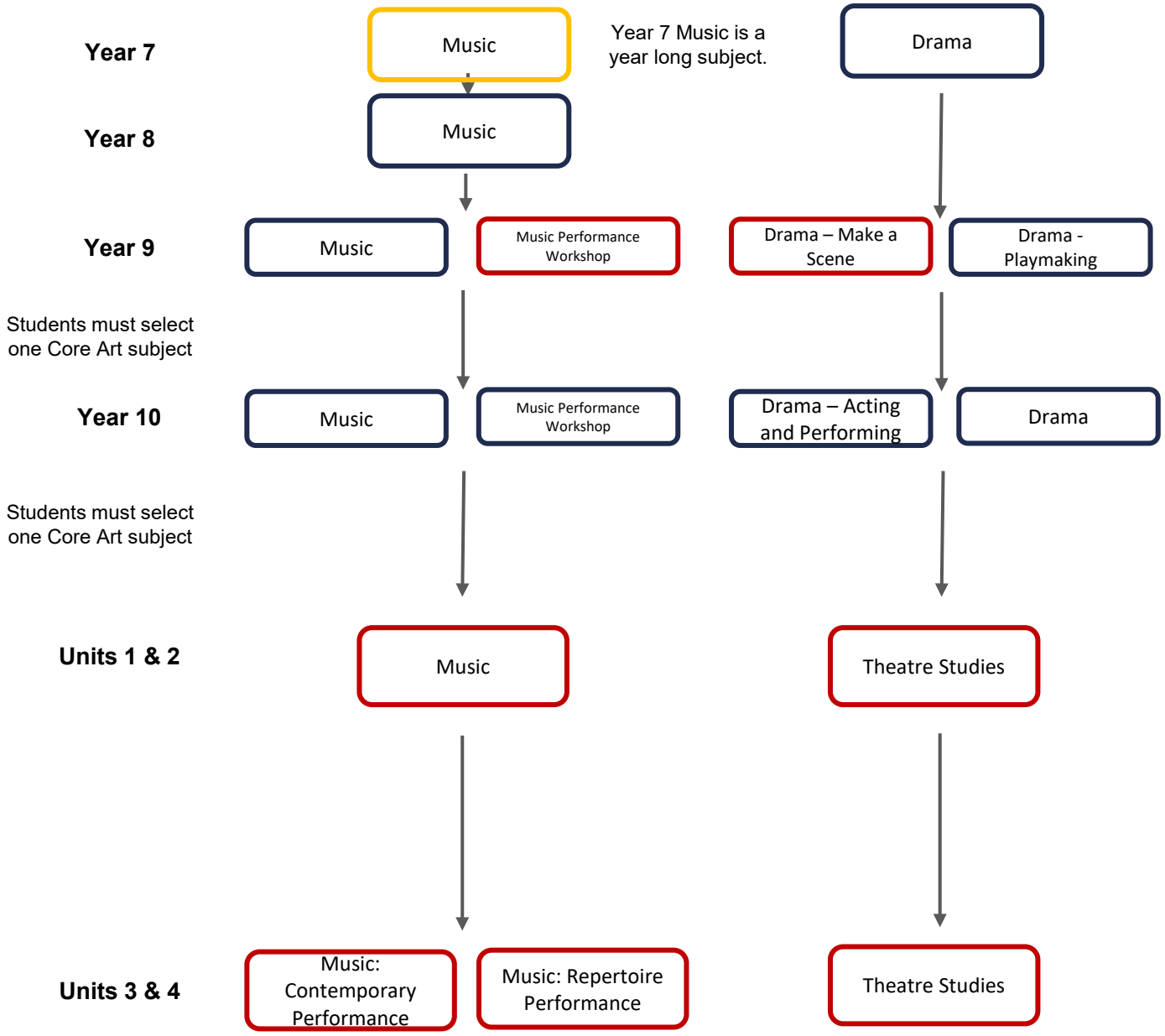
Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Arts Pathways Process.



Core subject

Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Art.

This subject suits students who enjoy being creative and want to build their skills and techniques while exploring different art forms. It is also a pathway to further studies in the Visual Arts where students will build their understanding of processes used to develop a creative practice.

In this subject students explore a variety of art forms including drawing, painting, collage, and printmaking and experiment with a variety of mediums and methods. They will build their skills and techniques through observational drawing and will be encouraged to think and respond creatively and imaginatively to different themes. Students will also develop a deeper understanding of art making by researching and responding to the work of other artists. They will build their art vocabulary and refine their ability to analyse and interpret artworks from different times and contexts through written tasks.

Subject Length:

1 Semester

8 periods

Areas of Study:

- Artists and Artworks
- Observational Drawing
- The Creative Practice
- Exploring and Experimenting

Assessment:

- Visual Diary
- Folio of artworks
- Research tasks

Pathways:

Studies in this area could lead to:

- VCE Art Creative Practice
- VCE Art Making & Exhibiting (Art or Photography)
- Tertiary studies in Art or Design
- Future careers in the visual arts including: Artist, Set Designer, Curator, Illustrator, Graphic designer, Fashion design Teacher, Communication Design, Advertising, Public Art, Printmaker, Interior Design, Game design,

Subject Specific Information:

Students will require an A4 visual for this subject.

A subject levy to cover all materials and equipment needed for the making of artworks applies to this subject.

Art Now.

This is a practical and theoretical art course with a focus on contemporary art. Through art making and theoretical investigation students learn about contemporary art processes, techniques, and approaches. The practical art making component of this subject consists of planning and creating a range of artworks in response to current themes and concepts. Students will explore contemporary art forms (installation, environmental art, ready mades and art in public spaces) using unique and/or repurposed materials.

The theoretical component of this subject introduces students to contemporary art theory. Students will analyse contemporary Australian and international art. They will gain an understanding and confidence in discussing and exploring contemporary art concerns (gender, environment, globalism, representation, the body) and how contemporary artworks communicate ideas.

Subject Length:

1 Semester

4 periods

Areas of Study:

- Page and Book Art
- Appropriation
- Art Analysis

Assessment:

- Folio of artworks
- Visual Diary
- Analysis and Research

Pathways:

Studies in this area could lead to:

- Art: Making and Exhibiting (Photography)
- Art: Making and Exhibiting (Art)
- Art: Creative Practice

Subject Information:

Students will require A4 visual diary for this subject.

A subject levy to cover all materials and equipment needed for the making of artworks applies to this subject.

Drama – Acting and Performing.

In this subject students will create and present drama pieces that demonstrate a range of dramatic skills, techniques, and processes. Students intending to undertake VCE Theatre Studies will find this course particularly beneficial. There will be an emphasis on devising and presenting one major ensemble performance, and on a solo performance.

Students will develop an understanding of how to devise theatre through workshop and reflective activities. They will explore a range of drama styles and genres using construction techniques including research, improvisation, and script writing. Students will analyse their own, their peers, and the work of a professional theatre company. They will develop an understanding of the cultural and historical evolution of drama through their study of drama history, dramaturgy, artists, playwrights, practitioners, theorists, and a range of texts.

Subject Length:

1 Semester

8 periods

Areas of Study:

- Drama Practices
- Present and Perform
- Respond and Interpret

Assessment:

- Analysis
- Workbook
- Performance

Pathways:

Studies in this area could lead to:

- VCE Theatre Studies
- Tertiary education
- Career pathways include: Actor, Director, Writer, Theatre Designer

Subject Specific Information:

This subject includes an excursion to see a professional play.

Drama.

In 'Cue To Go' students will have the opportunity to develop skills in production- lighting, sound, costume, make-up, set design and properties- while engaging with plays from a range of historical contexts. Students will work with extracts from three plays- one classical, a Shakespeare and a realist short work by Anton Chekhov. Practical skills associated with 'close reading' the text- will fold into practical production activities such as designing set for a sequence from 'Antigone' or costuming for 'Macbeth',

Practical 'production classes will focus on skills ranging from making an extraction' from a lay text to lighting a short scene – design, preparation and operation. Students will choose three production areas in which to specialize.

Students will watch and analyse a modern production (video or in theatre if possible), completing a written task evaluating the success of the production choices in performance.

Subject Length:

1 Semester

4 periods

Areas of Study:

- Theatrical Design Process
- Theatre History & Styles
- Production Analysis

Assessment:

- Folio of design work reflecting industry practice
- Analysis of production in a performance
- Activities focusing on skills acquisition.

Pathways:

- VCE Theatre Studies
- Tertiary performance studies
- Career pathways including: Actor, Director, Writer, Theatre Designer.

Subject Specific Information:

This subject includes an excursion to see a professional play which will involve an excursion cost.

Drawing and Painting.

This subject can be a stand-alone elective or a complement to other visual art electives. It addresses key knowledge and skills that are relevant to VCE studies including Art Making & Exhibiting and Art Creative Practice .

Students will refine their skills and techniques with a specific focus on drawing and painting. While exploring mediums including graphite, charcoal, pastel, ink, coloured pencil, watercolour and acrylic paint, students will respond to a range of subject matter and themes. They will be encouraged to explore their own ideas and imaginative approaches to art making.

Students will learn how to develop their art practice and document their processes in a visual diary building their understanding of folio development.

They will gain inspiration by researching significant artists from different contexts and time periods. Developing their skills in art analysis and their knowledge of key art language and terminology.

Subject Length:

1 Semester

4 periods

Areas of Study:

- Drawing Materials and Techniques
- Exploring Painting Mediums
- Artists and Artworks

Assessment:

- Visual Diary
- Folio of artworks
- Researching artists and artworks

Pathways:

Studies in this area could lead to:

- VCE Art Creative Practice
- VCE Art Making & Exhibiting (Art or Photography)
- Tertiary studies in Art or Design
- Future career options in the visual arts including: Artist, Set Designer, Curator, Illustrator, Graphic designer, Fashion design Teacher, Communication Design, Advertising, Public Art, Printmaker, Interior Design, Game design,

Subject Specific Information:

Students will need require an A4 visual diary for this class.

A subject levy to cover all materials and equipment needed for the making of artworks applies to this subject.

Filmmaking.

This course focuses on developing students' practical, theoretical, and creative skills, enabling them to produce a wide range of content, such as short videos and films. Students intending to undertake VCE Media will find this course particularly beneficial. They will gain expertise in idea development, storytelling, and every stage of the production process – from pre-production to post-production and distribution.

Throughout the course, students analyse the conventions and structure of short films to understand how narratives are constructed and how audiences are engaged. By dissecting these elements, they learn the mechanics behind effective storytelling and audience connection. In practical tasks, students assume and fulfill specific roles in film production, allowing them to collaboratively plan and create short films and videos for an intended purpose and audience. This hands-on approach ensures that they grasp the intricacies of various production roles, such as directing, producing, scriptwriting, cinematography, and editing.

Using a vast array of media equipment and applications, students develop a range of production skills, including camera techniques, lighting setups, sound design, and video editing. They learn to operate and manage technical equipment and software, honing their ability to produce high-quality media content. This comprehensive skill set prepares students to tackle real-world media projects and adapt to the evolving demands of the media industry.

Subject Length:

1 Semester

4 periods

Areas of Study:

- Short Film Analysis
- Film Production

Assessment:

- Film pre-production
- Film production
- Written analysis

Pathways:

Studies in this area could lead to:

- VCE Media
- Career pathways including advertising/marketing, journalist, digital media specialist, animator, film producer, director, production designer, content manager, content creator.

Subject Specific Information:

DSLR/Mirrorless cameras, lighting and sound equipment are used in this class and provided by the school.

Students will require a 32 GB SD card for saving and transferring media files and a USB A/USB-C to SD card adapter for their device.

Media.

This unit focuses on the analysis and production of media products across various forms. Students create visual representations to communicate, challenge, and express ideas from both their own perspective and that of others, serving as both artists and audiences. They enhance their conceptual understanding, critical reasoning, and practical skills by exploring the world through media. This involves developing media analysis and production skills by engaging with diverse media forms and equipment, such as film analysis and production.

Students intending to pursue VCE Media will find this course particularly beneficial. They will study how media products are constructed using codes and conventions and understand their impact on viewers. Through practical exercises and workshops, students will learn about the production process and how to operate media equipment and applications, including lighting, sound, and camera equipment. They apply this knowledge to plan and produce their own media projects, targeting specific purposes and audiences.

Subject Length:

1 Semester

8 periods

Areas of Study:

- Film Genres
- Media Production
- Media analysis

Assessment:

- Production exercises
- Media Production
- Written analysis

Pathways:

Studies in this area could lead to:

- VCE Media
- Career pathways including advertising/marketing, journalist, digital media specialist, animator, film producer, director, production designer, content manager, social media influencer.

Subject Specific Information:

DSLR/Mirrorless cameras, lighting and sound equipment are used in this class and are provided by the school.

Students will require a 32 GB SD card for saving and transferring media files and a USB A/USB-C to SD card adapter for their device.

Music.

This elective is a performance and theory subject in which emerging musicians further develop the idiomatic techniques and practices of their instrument, supported by a rigorous technical and aural program. In this context students will be assessed as soloists and/or members of a group. In the classroom, students will study the great milestone compositions of the classical and contemporary repertoire. They will be introduced to compositional devices, and analysis templates, with a focus on beginning to answer the question: How is music made? Students' performances will be formally assessed once a term, alternating between group and solo recitals. Students will complete a written analysis of a piece of music that identifies style, and the treatment of the ten major elements of music. They will create a composition that allows them to explore and discuss the elements.

Subject Length:

1 Semester

8 periods

Areas of Study:

- Music Theory and Aural
- Music Analysis
- Music Performance

Assessment:

- Performance
- Theory and Aural
- Composition/Arranging

Pathways:

- VCE Music
- Tertiary education
- Career pathways including: Musician, Performer, Composer, Music Teacher, Song Writer, Record Producer, Music Therapist, Event Manager.

Subject Specific Information:

Instruments and equipment will be provided; however, students are encouraged to bring their own specialised items.

Music Performance Workshop.

This is a purely performance subject that gives musicians the opportunity to develop their own personal performance plan by which they will be assessed. Students will set their own performance goals as soloists and/or members of a group and will be supported in achieving their goals through structured rehearsal and regular performance. This subject is open to musicians of any style and focuses on personal improvement through meeting a series of challenges and achieving goals.

Through the rehearsal process, students will be taught to conceive their technical progress through an examination of the musical elements related to performance: Dynamics, Duration, Tone Colour, Articulation and Texture.

Having selected two pieces for performance, either as soloists, or as members of a group, students will prepare a final performance which will be assessed during class time. This subject will be beneficial to those wishing to refine their performance skills in preparation for undertaking further performance-based studies.

Subject Length:

1 Semester

4 periods

Areas of Study:

- Music Practices
- Music Performance

Assessment:

- Folio
- Performance

Pathways:

Studies in this area could lead to:

- VCE Music
- Tertiary education
- Career pathways including: Musician, Performer, Composer, Music Teacher, Song Writer, Record Producer, Music Therapist, Event Manager.

Subject Specific Information:

Instruments and equipment will be provided; however, students are encouraged to bring their own specialised items.

Photography.

This course is focused on digital image making using a DSLR camera and Adobe Photoshop and/or Lightroom. Students will learn to apply a range of photographic and camera techniques while editing their photographs using industry standard programs and processes.

Students will undertake a variety of tasks that will help to develop critical awareness of photographic possibilities and correct camera craft. Built into all tasks is an opportunity for the students to learn the importance of considered composition and visual language, including studio technique and the correct set up and use of studio lighting and backdrops.

Across their learning students will submit a range of practical work with accompanying theory exercises focusing on the analysis and interpretation of artworks. They will learn about the elements and principles of art and how to identify and interpret their application(s). Students will also learn about relevant figures in the history of photography, with a focus on 20th century and contemporary photographers. This is in keeping with the current VCE study designs Art Making and Exhibiting and Art Creative Practice.

Subject Length:

1 Semester

8 periods

Areas of Study:

- Surrealism
- Contemporary Photography
- Studio Lighting
- Digital Imaging Processes

Assessment:

- Folio of photography
- Written analysis

Pathways:

Studies in this area could lead to:

- VCE Art Making and Exhibiting
- VCE Art
- Career pathways including freelance photography, media, marketing and social media, photojournalism, studio/portrait photographer, commercial/industrial photographer, image designer, studio assistant, digital image technician

Subject Specific Information:

DSLR cameras may be borrowed through the EHS library.

Students will need to provide a large capacity USB for saving and transferring photography files and a USB-USB-C adaptor for your device

A subject levy to cover all materials and equipment needed for the making of photographs applies to this subject.

Public Art.

This subject is about Art and the role it plays in public spaces. Public art can take many forms including sculptures, murals, installations, street art, and ephemeral art. Artists create public art to enhance community spaces, make social commentary, and reflect the environmental and cultural identity of the area in which it is made.

In this subject students will look at art in the community from street art to sculptures and discuss its importance by studying the work of significant artists. Using this research as inspiration students will design and create both ephemeral and more permanent artworks including environmental, stencil art and sticker designs. This subject suits students who enjoy being creative, and who enjoy planning and working on large scale projects.

Subject Length:

1 Semester

8 periods

Areas of Study:

- Ephemeral Art
- Environmental Art
- Street Art
- Community Art
- Artists and artworks

Assessment:

- Folio of artworks
- Visual Diary
- Researching artists and artworks

Pathways:

Students will develop their skills, understanding and knowledge suitable for:

- VCE Art Creative Practice
- VCE Art Making & Exhibiting (Art or Photography)
- Tertiary studies in Art or Design
- There are ,many future career options in the visual arts including: Artist, Set Designer, Curator, Illustrator, Graphic designer, Fashion design Teacher, Communication Design, Advertising, Public Art, Printmaker, Interior Design, Game design.

Subject Specific Information:

Students will require an A4 visual diary for this class.

A subject levy to cover all materials and equipment needed for the making of artworks applies to this subject.

Visual Communication Design.

In this subject students will build on their awareness of how designers communicate ideas to specific audiences and purposes, through different visual presentations, practices, and viewpoints. They conceptualise ideas and develop solutions, using visual design practices and conventions from a range of design fields including: messages design, environments design, objects design and interactive experience design.

Through this subject, students will develop skills in two and three dimensional drawing as well as digital and three dimensional processes. They will make a further exploration of a broad range of media and materials. Students observe research and critically discuss a range of contemporary, traditional, stylistic, historical and cultural examples of visual design presentations in different design fields.

Subject Length:

1 Semester

8 periods

Areas of Study:

- Communication Design
- Industrial Design
- Environmental Design

Assessment:

- Industrial Design Folio
- Communication Design Digital Task
- Environmental Design Folio and Presentations

Pathways:

Studies in this area could lead to:

- VCE Visual Communication Design
- Career pathways includING graphic designer, web/app designer, architecture, product designer, creative director, illustrator, UX design.

Subject Specific Information:

Students are required to download Adobe Photoshop and Illustrator.

A subject levy to cover all materials and equipment needed for the making of design products applies in this subject.

Critical Inquiry.

Critical Inquiry at Year 10 provides an opportunity for students to engage in interdisciplinary focused subjects that build core skills in researching, critical thinking, design based thinking, and project management. This is achieved through both the Exploring Big Ideas and STEAM subjects offered at this year level. These subjects are designed to continue to develop a range of important skills and capabilities for success in their learning as they move towards Senior School. These include strong planning and time management skills, the ability to communicate and collaborate, critical thinking skills digital literacy and the ability to reflect on their own progress.

- Utilise the EHS Inquiry Model
- Develop critical thinking skills
- Digital Literacy
- Encourage students to engage with big ideas and issues
- Prepare students for success at university and in open ended learning tasks.

These subjects reflect curriculum priorities and the complex world students are navigating. The subjects are not limited to a particular discipline or learning area but instead cut across and make connections between and across learning areas. These subjects are designed to be an engaging, challenging and provocative element of Year 10 students' courses, allowing them to explore an area of individual interest in an authentic way.

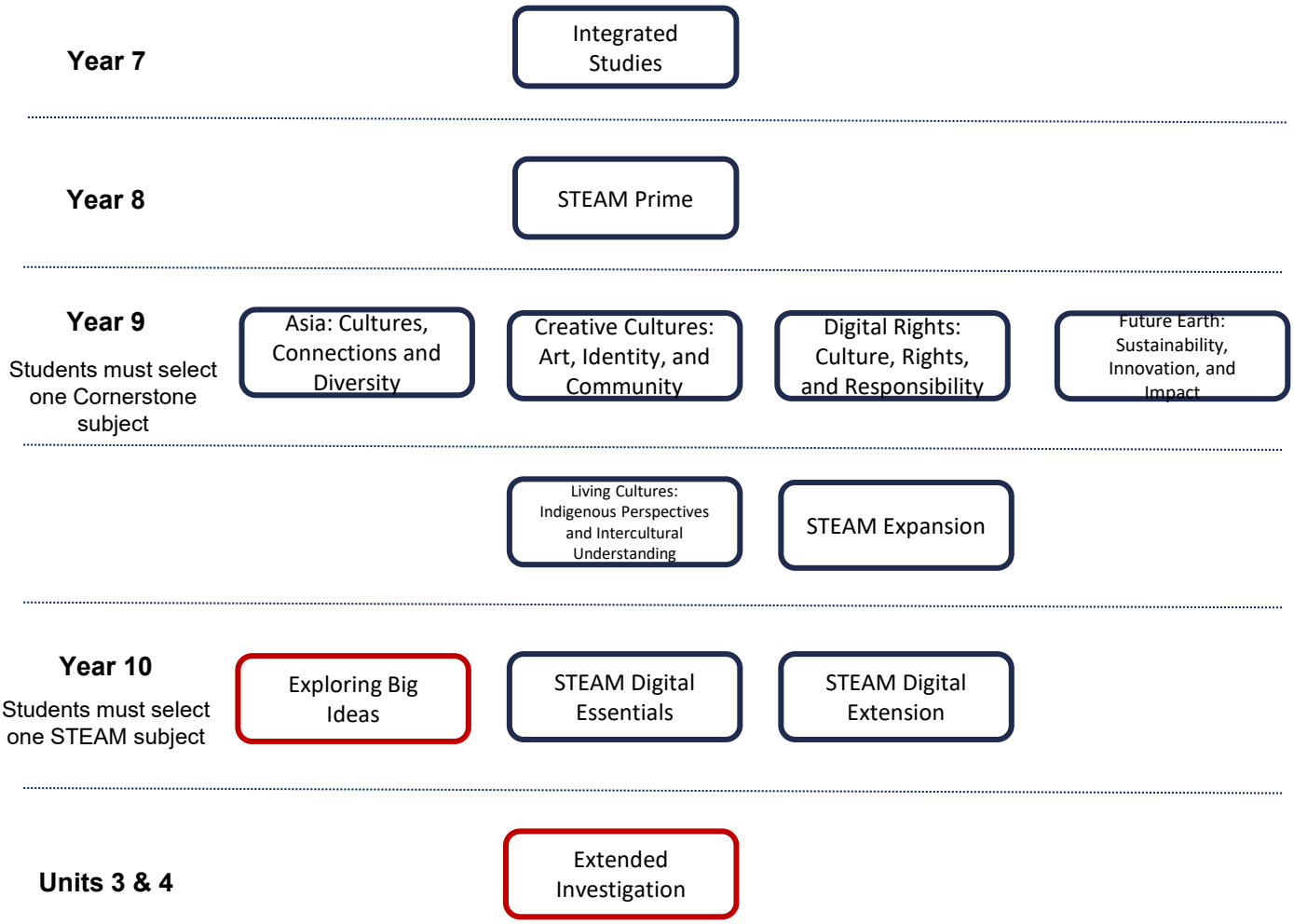
A major component of all subjects in Critical Inqury is an extended, individual project, task, investigation or inquiry. This project enables students to respond to the significant ideas they encounter in the course as well as providing the context for the skills for learning that are an important component of the subject.

Please note students must select one Cornerstone subject as part of their course.

The important thing is not to stop questioning. Curiosity has its own reason for existing

-Albert Einstein

Critical Inquiry Subjects.



Core subject

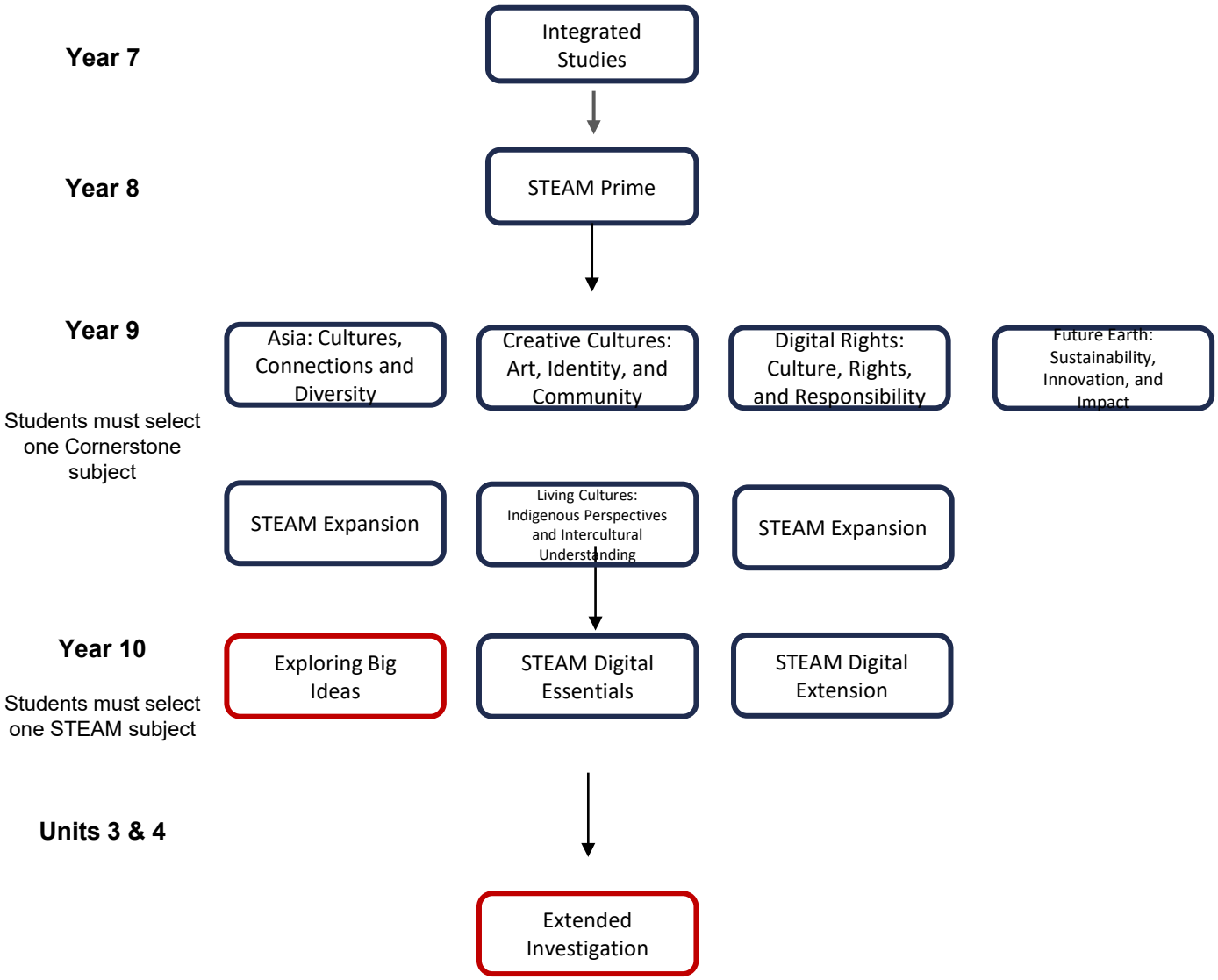
Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Critical Inquiry Pathway Process.



Core subject

Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

STEAM Digital Essentials

Steam Digital Essentials is a structured, teacher-led course focused on building essential digital literacy and technology skills for all learners using the STEAM design cycle. This subject ensures all students enter VCE with the essential foundation digital literacy skills through explicitly teaching them.

Students explore cybersecurity, data privacy, digital ethics, and foundational programming while developing spreadsheets, databases, and interactive user interfaces. Students explore how digital systems manage, control, secure data and investigate cybersecurity threats through the development of basic threat models.

Through practical projects, they create and evaluate user interfaces and learn how to collect, organise, and analyse data using spreadsheets and databases. They strengthen their digital confidence through scaffolded tasks, guided projects, and a flipped learning module that uses gAI tools, video portfolios, and self-assessment for skill development.

Subject Length:

1 Semester

4 periods

Areas of Study:

- Digital Literacy
- Data Security
- Power of Data
- Coding & gAI

Assessment:

- Folio &Presentation
- Collaborative Task
- Exam
- Ongoing homework

Pathways:

Studies in this area could lead to:

- VCE Extended Investigation
- VCE Algorithmics (HESS)
- VCE Applied Computing

These skills are applicable for all VCE studies.

Critical Inquiry: Core Subject.

STEAM Digital Extension

STEAM Digital Extension assumes that students have already mastered the STEAM design process and possess advanced digital literacy skills including strong proficiency beyond Windows basic skills. It is student directed and targets high end users to utilise the design process for students to develop a database following a community centered or novel line of inquiry.

Students take on real-world inquiry challenges such as creating and communicating database-driven digital solutions for community-based needs. Students begin by identifying real-world problems and stakeholder needs, then work collaboratively to develop databases that support community-oriented solutions.

Projects include applying data visualisation techniques, designing interactive interfaces and creating digital content using emerging technologies. This course empowers students to think independently, manage collaborative projects, and create engaging digital solutions supported by real data, community inquiry, and ethical design thinking.

Subject Length:

1 Semester

4 periods

Areas of Study:

- Digital Literacy
- Data Security
- Power of Data
- Coding & gAI

Assessment:

- Folio & Presentation
- Collaborative Task
- Exam
- Ongoing homework and self directed learning

Pathways:

Studies in this area could lead to:

- VCE Extended Investigation
- VCE Algorithmics (HESS)
- VCE Applied Computing

These skills are applicable for all VCE studies.

Critical Inquiry: Core Subject.

Exploring Big Ideas.

Exploring Big Ideas is designed to enable students to continue developing important interdisciplinary skills essential for success in their final years of schooling and tertiary life. These include critical thinking, problem solving, collaboration, time management, self-reflection, and research design, data collection and analysis, and project management.

The subject gives students the opportunity to develop their knowledge and understanding of what it means to research and complete their own investigation into an area of their choice. Students are not limited to selecting a topic from a specific discipline and are encouraged to pursue topics that cut across a number of learning areas. Exploring Big Ideas is fundamentally based on the student's own area of investigation and the skills required to successfully undertake this. It builds on the skills students acquire through their Cornerstone subjects in Year 9 and can act as a pathway through to VCE Extended Investigation.

Subject Length:

1 Semester

8 periods

Areas of Study:

- Designing a Research Question
- Planning and Commencing the Investigation
- Critical Thinking
- Presenting the Final Research Report
- Defending the Research Findings

Assessment:

- Written Rationale and Presentation
- Critical Thinking Journal
- Justification of Method and Data Summary
- Exam

Pathways:

Studies in this area could lead to:

- VCE Unit 3 & 4 Extended Investigation

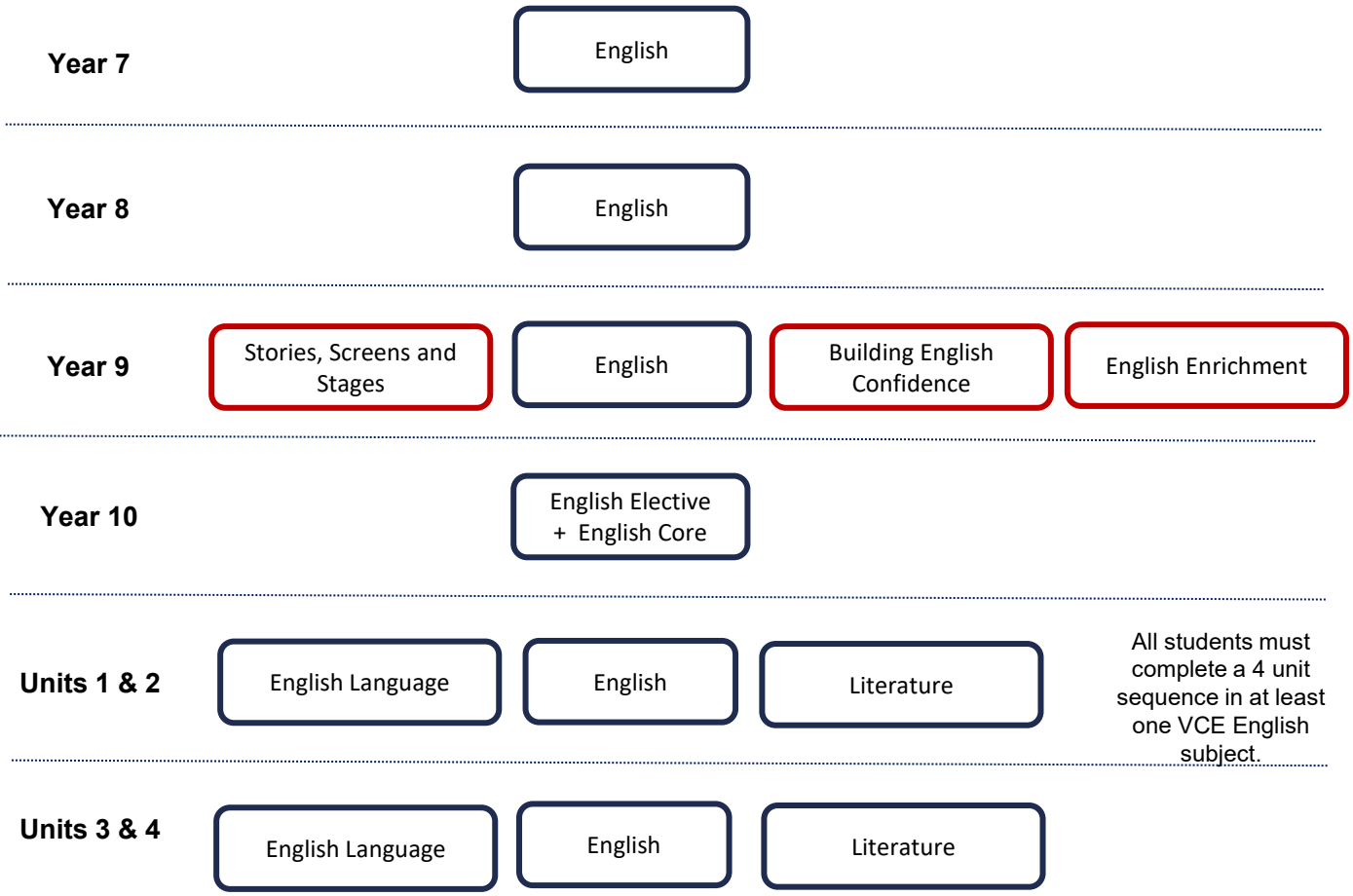
English.

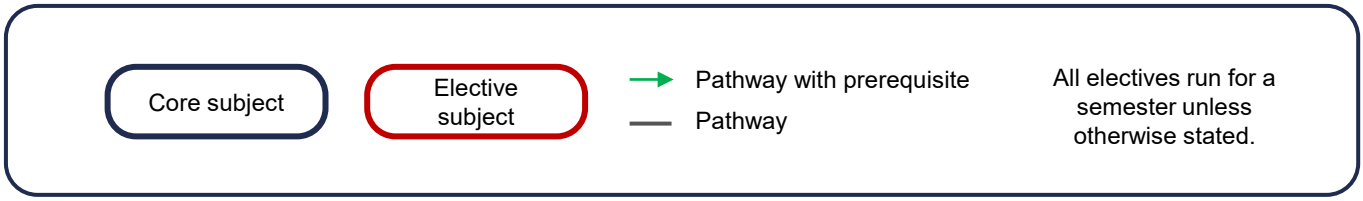
The study of English empowers students to read, write, speak, and listen in different contexts. English at Eltham High School prepares students to think and act critically and creatively, and to encounter the beauty and challenge of their contemporary world with compassion and understanding. Students work to collaborate and communicate widely, and to connect with our complex and plural society with confidence.

Through engagement with texts drawn from a range of times, cultures, forms and genres, and including Aboriginal and Torres Strait Islander knowledge and voices, students develop insight into a varied range of ideas. They extend their skills in responding to the texts they read and view, and their abilities in creating original texts, further expanding their language to reflect accurately the purpose, audience and context of their responses.

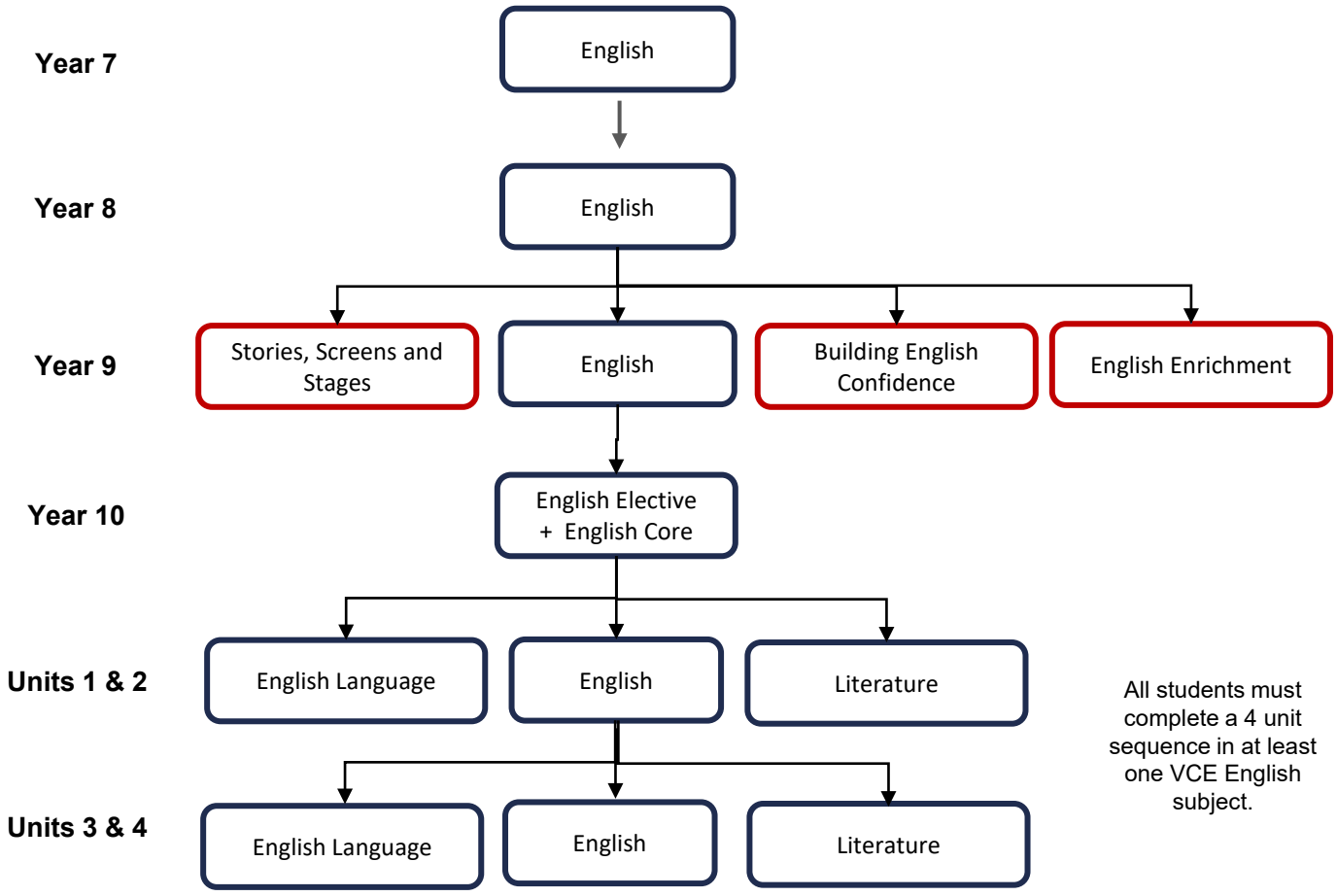
By developing broad skills in communication and reflection, the study of English enables students to participate in their diverse, dynamic and multicultural world productively and positively.

English Subjects.





English Pathway Process.



All students must complete a 4 unit sequence in at least one VCE English subject.

Core subject

Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

English Elective – Semester 1.

In Semester 1, English students have the choice of four semester-long English subjects. All students must select one of the following:

Stories for the Stage *Macbeth* (Shakespeare)

In studying Shakespeare's classic tragedy, Macbeth, students will explore the corrupting effects of power and ambition, and the psychological aftermath in the form of guilt and paranoia. Students will consider whether the downfall of the Scottish military general who aspired to be king is most influenced by fate or free will – thematic tenets central to literature and theatre studies across time. Students will engage with a variety of modern adaptations to consider the ways in which a text like this is timeless and always relevant in its concerns. Students will strengthen their skills in close reading, literary analysis, and writing responses that explore complex themes with sophisticated, evidence-backed arguments.

Gothic Short Stories *The Pit and the Pendulum* (Poe)

In this subject, students will explore the dark and eerie world of Edgar Allan Poe, delving into his stories of madness, death, and the human mind. Students will analyse the genres gothic and detective fiction that Poe was formative in developing, learning to unpack why the literary features of his writing – evident in both his short stories and poems – make his work so captivating. Students will also look at how important developments in the areas of psychology and medicine during Poe's lifetime influenced his writing. As students read and discuss Poe, they will enhance their ability to write critically, create compelling analyses, and even creatively experiment with his writing style.

Civilisation and Savagery *Lord of the Flies* (Golding)

When students study Lord of the Flies, they will explore how a group of boys stranded on an island slowly descend into chaos, offering a glimpse into the savagery that resides within human nature. Students will investigate the themes of power, survival, and morality, and how civilisation breaks down when society's rules no longer exist. Through this novel, students will also learn how the symbolism and allegory essential to the text have enduring relevance to help students understand the world we live in. As students unpack and debate the text, they'll develop their skills in crafting thematic responses, with a particular focus on writing with clarity and precision to develop arguments.

Indigenous Voices *Growing up Aboriginal in Australia* (ed. Heiss)

This subject allows students to explore short memoirs, reflection on what it's like to be a young Indigenous person in Australia, focusing on how culture, family, and community shape their experiences. They will learn about the ongoing effects of colonisation, racism, and the fight for justice, while also discovering the strength and resilience of Indigenous communities. The course will also highlight the importance of preserving traditions and passing down knowledge, while examining the challenges faced by Indigenous youth today. In reading key pieces from this collection, students will learn how to conduct in-depth research, and express complex social issues with empathy and critical thinking.

Subject Length
1 Semester
8 periods

Areas of Study
- Reading and Exploring Texts
- Analysing and Presenting Argument

Assessment:
- Analytical Responses
- Analysis of Argument and Language Essay
- Oral Presentation
- Semester Exam

English – Semester 2.

In Year 10 English students are exposed to the world of literature, as they read and view a variety texts that share a thematic connection to ideas of power, including excepts from George Orwell's *Animal Farm*, and *V for Vendetta* (dir. James McTeigue). Through these, students broaden their understanding of imaginative and persuasive writing, developing an awareness of context, purpose and audience, which they apply to their own creative responses.

Students undertake a film studies unit focusing on Greta Gerwig's *Lady Bird* and complete a text response study. They examine how texts are shaped by the social, cultural and historical context in which they are set and created, as well as consider the role of authorial intent.

To develop their critical awareness of the way language is used to influence different target audiences, students also examine the way arguments are developed in print and digital media, by reading and viewing a range of texts covering topic issues from the Australia media. They translate these skills into their own persuasive texts, employing sophisticated rhetorical devices.

Across their learning in English students continue to develop their literacy skills, with a particular focus on employing metalanguage and embedding evidence to produce nuanced analytical and reflective responses.

Subject Length
1 Semester
8 periods

Areas of Study
- Reading and Exploring Texts
- Crafting Texts

Assessment:

- Text Response Essay
- Creative Response – Power & Propaganda
- Semester Exam

Pathways:

Studies in core English at Year 10 will continue to support students as they develop their reading, writing and speaking skills as they transition to further English studies at the VCE level.

Health and Physical Education.

At Year 10, all students will participate in the core subject of Physical Education (PE) for a semester only. Over the course of the semester in PE, students engage in a theory and practical blended course that is designed to develop the students' understanding of the underlying principles behind the movement of the human body, the benefits of physical activity on health and well-being, and health promotion on a local, national and global scale.

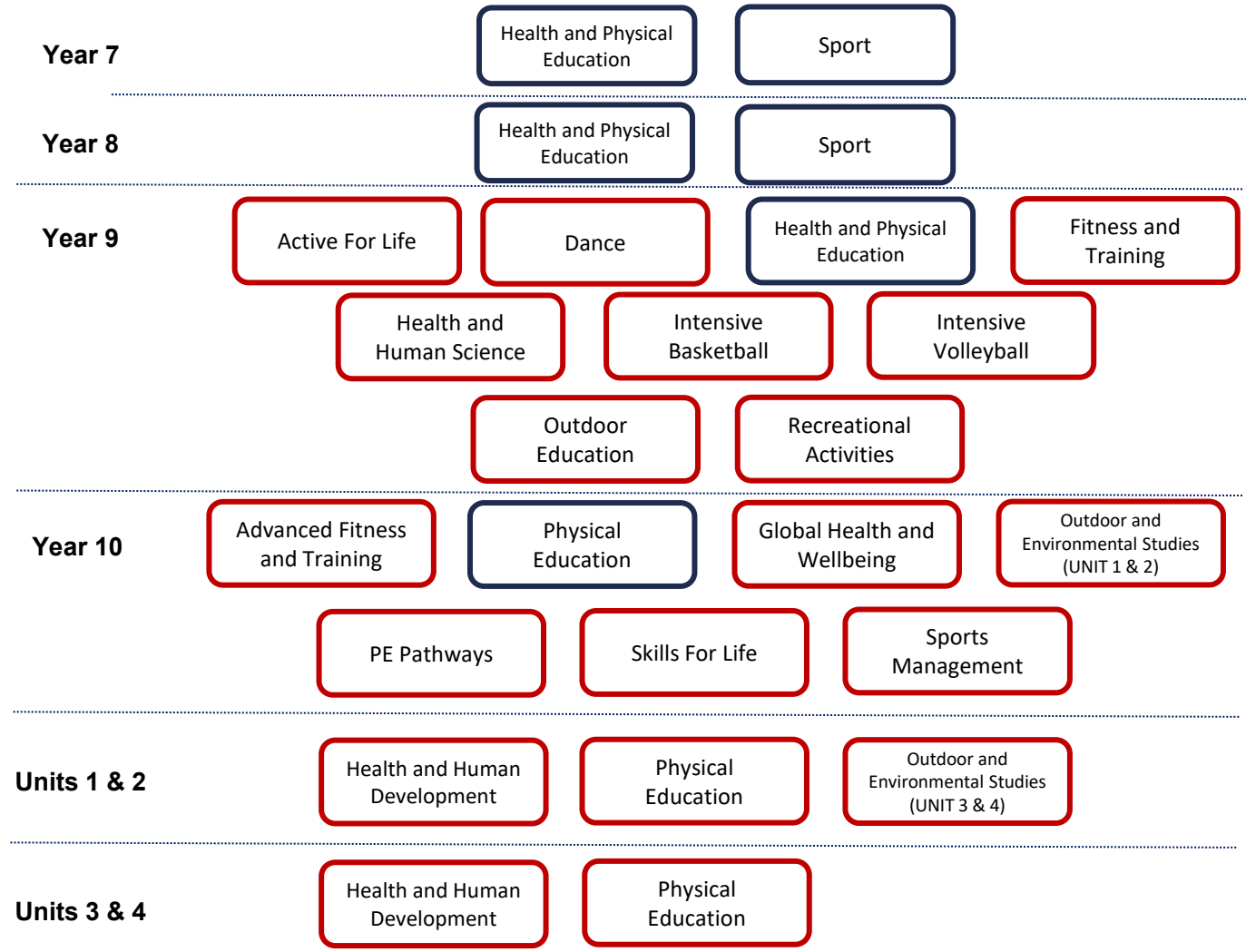
In addition to the core subject of PE, all students have the opportunity to participate in a range of electives from the Health, Physical, and Outdoor Education domain which are designed to complement existing programs and build clear pathways for students to progress from Year 10 into the VCE levels.

The electives that are available and on offer to students in Year 10 promote a fun and engaging learning environment designed to introduce students to and prepare them for key concepts and skills which are required to successfully undertake VCE Health and Human Development, VCE Physical Education, and VCE Units 3 & 4 Outdoor and Environmental Studies in their future studies in VCE.

In Year 10, VCE Outdoor and Environmental Studies is only offered as an enhancement subject with students undertaking Units 1 & 2 Outdoor and Environmental Studies in Year 10 and Units 3 & 4 in Year 11. This structure is primarily designed to support students to engage in all their studies within VCE and to minimise the impact of the camps and excursion requirements of Outdoor and Environmental Studies.

All of the Health and Physical Education subjects offered at the Year 10 level are semester-based (with the exception to VCE Units 1 & 2 Outdoor and Environmental Studies) and designed to cater to a wide range of interests, ensuring a diverse and engaging learning experience for every student.

Health and Physical Education Subjects.



Core subject

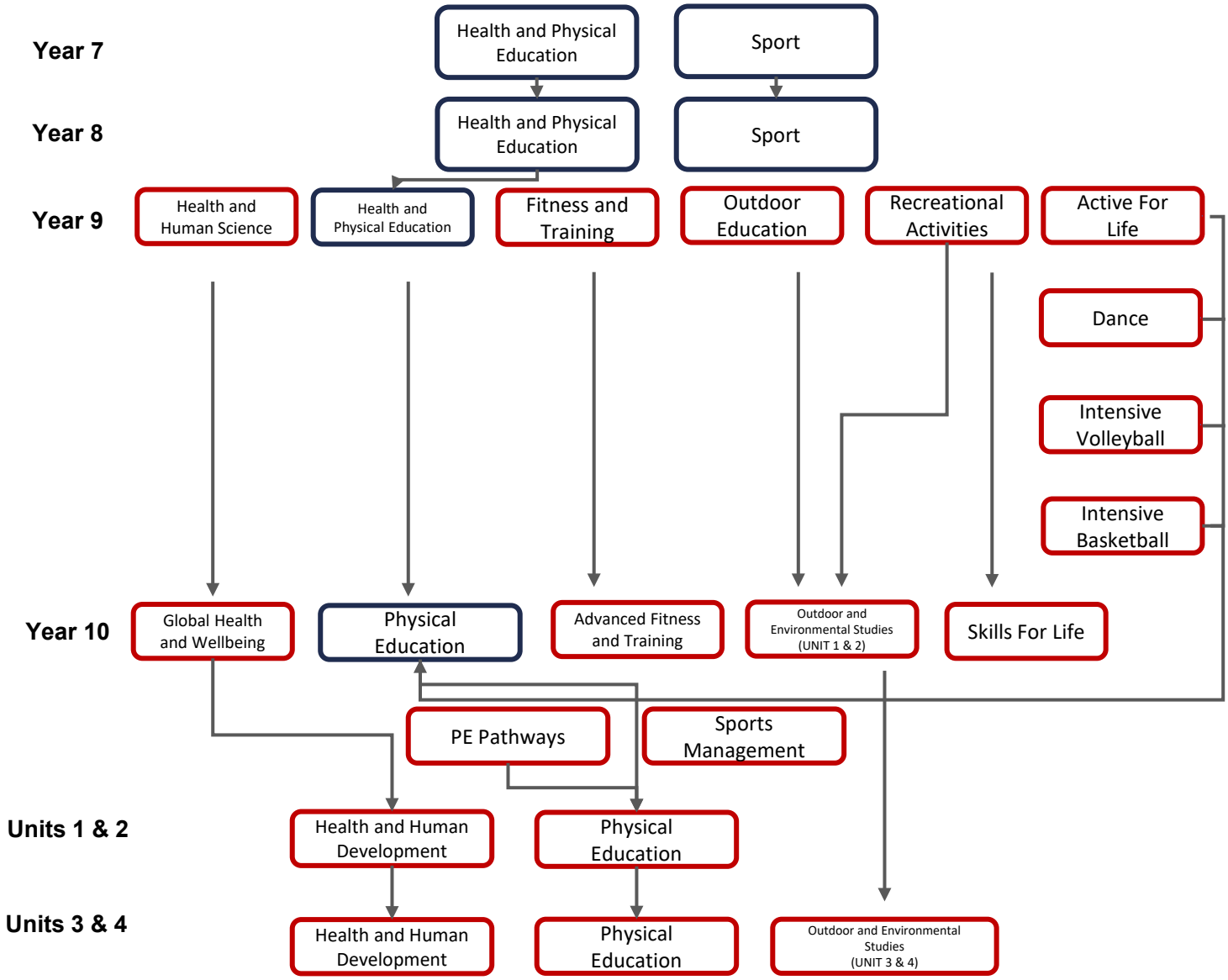
Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Health and Physical Education Pathway Process.



Core subject

Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Physical Education.

Year 10 Physical Education is a compulsory core subject which all students in Year 10 must undertake for the full duration of one semester.

This subject provides students with the opportunity to learn theory-based concepts linked to the fundamental principles of sport science, whilst gaining a deeper understanding of key knowledge surrounding the mechanics of body movement. Students also investigate key concepts linked to the benefits of physical activity towards overall health and well-being and health promotion on both a local and global scale.

From a practical standpoint, students participate in a range of lab-based activities in a practical setting in order to make real-time links between theory concepts learnt with physical activity, body movement, and motor skills. Additionally, students have the opportunity to develop their fitness levels, motor skills, co-operation and team work.

The learning experiences offered within this core subject are designed to better prepare students who wish to pursue undertaking VCE Physical Education, VCE Health and Human Development, and/or VCE Units 3 & 4 Outdoor and Environmental Studies (enhancement only).

Subject Length

1 semester

4 periods

Areas of Study

- Biomechanics
- Drugs in Sport
- Sport Psychology
- Health Benefits of Physical Activity
- Health Promotion
- Global Health

Assessment:

- Research task
- Practical involvement
- End of semester examination

Pathways:

Studies in this area could lead to:

- VCE Health and Human Development
- VCE Physical Education
- VCE Units 3 & 4 Outdoor and Environmental Studies (enhancement only)

Subject Specific Information:

Students are required to wear either the EHS PE uniform or other suitable exercise clothing in all practical lessons.

Advanced Fitness and Training.

This subject has practical and theory components providing students with an opportunity to investigate and undertake a range of training methods designed to improve personal fitness. Students will design and implement a personal, sports specific training program as well as undertake regular and varied fitness sessions. Students will be introduced to the principles of training and the varied training methods adopted by athletes. Fitness testing will be undertaken to provide opportunities for analysis and review of results, and motivation for improved physical fitness. Acute responses to exercise and chronic adaptations to training will be investigated.

Through this subject, students are given exciting practical opportunities such as gaining access to the newly refurbished weights room on-site at the school to engage in workouts and to put their personal training programs into practice, as well as the opportunity to visit external community-based fitness organisations local to the area such as the Eltham Leisure Centre, Shadows Boxing Gym, Summit 360 Fitness, and/or Resilient Recovery. These experiences expose students to different forms of training and physical activity which provides a unique learning experience that can further improve their individual training programs. These activities will come at a small cost to participate however.

The learning experiences offered within this subject are designed to prepare students who wish to pursue undertaking VCE Physical Education.

Subject Length:

1 semester

8 periods

Areas of Study:

- Human Anatomy and Movement
- Training Principles and Training Methods
- Community-Based Fitness Organisations
- How to Create a Training Program
- Safety Principles and Minimising Risk in Training
- Nutrition in Training

Assessment:

- Training program design task
- Practical involvement
- End of semester examination

Pathways:

Studies in this area could lead to:

- VCE Physical Education

Subject Specific Information:

Students are required to wear either the EHS PE uniform or other suitable exercise clothing in all practical lessons.

Costs for this subject are managed by individual events. The approximate costs for this subject are between $50-$100 split between different activities. These are charged on an individual basis and are varied in costings, depending on the activities involved. These costs are subject to change depending on provider charges in 2025.

Global Health and Wellbeing.

This subject encompasses various aspects of health and wellbeing, including physical, mental, emotional, and social health, in the context of Australia and different cultures and regions around the world. Students will explore health issues and trends that affect populations globally, as well as understanding the various factors that contribute to health outcomes, including social, cultural, and environmental factors.

This subject investigates the impact of global health issues such as infectious and non-communicable diseases, as well as the impact of social and cultural factors on health and wellbeing. Students who undertake Global Health and Wellbeing will learn about global health trends, the factors of health, the role of global health organisations, and strategies for improving global health and wellbeing outcomes.

The learning experiences offered within this subject are designed to prepare students who wish to pursue undertaking VCE Health and Human Development, and provides a foundation for future careers in healthcare, research, or public health.

Subject Length:

1 semester

8 periods

Areas of Study:

- Health and Wellbeing of the Community (Local Context)
- Health and Wellbeing of Australia (National Context)
- Health and Wellbeing of the World (Global Context)
- Factors Influencing Health and Wellbeing
- Infectious and Non-Communicable Diseases

Assessment:

- Podcast task
- Visual presentation task
- Written test
- End of semester examination

Pathways:

Studies in this area could lead to:

- VCE Health and Human Development

Units 1 & 2 Outdoor and Environmental Studies.

THIS SUBJECT IS ONLY OFFERED AS AN ENHANCEMENT SUBJECT AT YEAR 10.

In Unit 1, students examine Indigenous peoples and non-Indigenous peoples' ability to understand and relate to nature through experiencing outdoor environments. The focus is on individuals and their personal responses to experiencing outdoor environments. Students are provided with the opportunity to explore the many ways in which nature is understood and perceived. Students develop a clear understanding of the range of motivations for interacting with outdoor environments, the factors that affect an individual's access to experiencing outdoor environments and how they connect with outdoor environments. Through outdoor experiences, students develop practical skills and knowledge to help them act sustainably in outdoor environments. Students understand the links between practical experiences and theoretical investigations, gaining insight into a variety of responses to, and relationships with, nature.

In Unit 2, students focus on the different ways to understand outdoor environments and the impact of humans on outdoor environments. In this unit students study the effects of natural changes and impacts of land management practices on the sustainability of outdoor environments by examining a number of case studies of specific outdoor environments, including areas where there is evidence of human intervention. Students develop the practical skills required to minimise the impact of humans on outdoor environments. Through reflecting upon their experiences of outdoor environments, students make comparisons between outdoor environments, as well as develop theoretical knowledge about natural environments.

Subject Length

1 year

8 periods

Link to Study Design

Areas of Study:

- **Unit 1 AOS 1:** Our place in outdoor environments
- **Unit 1 AOS 2:** Exploring outdoor environments
- **Unit 1 AOS 3:** Safe and sustainable participation in outdoor experiences
- **Unit 2 AOS 1:** Understanding outdoor environments
- **Unit 2 AOS 2:** Observing impacts on outdoor environments
- **Unit 2 AOS 3:** Independent participation in outdoor environments

Assessment:

Unit 1 Outcome 1: Analyse motivations for experiencing outdoor environments and plan to safely participate in outdoor experiences.

Unit 1 Outcome 2: Explain factors that influence personal responses and access to outdoor experiences and interact sustainably with outdoor environments.

Unit 1 Outcome 3: Evaluate strategies for safe and sustainable participation in outdoor experiences.

Unit 2 Outcome 1 - Describe a range of understandings of outdoor environments and the effect of natural changes with reference to specific outdoor experiences.

Unit 2 Outcome 2 – Evaluate the impacts of humans on outdoor environments and associated management strategies, with reference to specific outdoor experiences.

Unit 2 Outcome 3 – Participate in a range of outdoor experiences safely and sustainably in an independent manner.

Pathways:

Studies in this area could lead to:

- VCE Units 3 & 4 Outdoor and Environmental Studies (enhancement only)

Subject Specific Information:

Costs for this subject are managed by individual events over the course of the school year. The approximate costs for the year are $900, split between two day-trips and two to three overnight camps. Camps are charged on an individual basis and are varied in costings, depending on the activities and locations involved. These costs are subject to change depending on provider charges in 2025.

This subject involves a range of outdoor experiences including camps and excursions. These activities will incur a fee. It is highly encouraged that students participate in all outdoor experiences if selecting this subject as assessment tasks will link directly to these outdoor experiences.

PE Pathways.

This subject aims to explore the relationships between motor learning and physiological, biomechanical, and sociological factors that affect physical behaviours and participation in physical activity. This subject integrates theoretical knowledge with practical application through participation in a range of physical activities, sports, and laboratory investigations. Students will also complete workbook activities to record information and personal reflections following their learning experiences.

Students will explore a wide range of topics related to physical education and sport which includes an introduction to sport science principles. Students will develop their physical skills and improve performance through training methods and biomechanics. Students will study different components of fitness, principles of skill acquisition, and ethical considerations surrounding legal and illegal methods of performance enhancement. Additionally, students will learn about functional anatomy, body systems, and the link between diet, nutrition, and energy production.

The learning experiences offered within this subject are designed to prepare students who wish to pursue undertaking VCE Physical Education.

Subject Length:

1 semester

8 periods

Areas of Study:

- Skill Acquisition
- Biomechanical Principles
- Cardiorespiratory System
- Functional Anatomy
- Performance Enhancement

Assessment:

- Portfolio task
- Written test
- End of semester examination

Pathways:

Studies in this area could lead to:

- VCE Physical Education

Subject Specific Information:

Students are required to wear either the EHS PE uniform or other suitable exercise clothing in all practical lessons.

Skills For Life.

This subject provides students with opportunities to learn essential life skills in an engaging environment. Students engage in a sports injury management unit focusing on common sporting injuries, their prevention, treatment, and rehabilitation methods. Students also undertake an aquatic safety unit which is designed to expose them to different types of aquatic environments, risks within these environments, and management strategies including water rescues and CPR. Additionally, a road and driver safety unit covers road rules, vehicle maintenance like changing a car tire, and safe driving skills.

Through this subject, students are given exciting learning opportunities that develop their life-long skills for their future such as such as obtaining a formal Sports Taping Qualification and Level 2 First Aid Qualification which can be added to their resume, physically practicing rescue techniques in an indoor aquatic environment locally at Eltham Leisure Centre, visiting the 'Road To Zero' experience at Melbourne Museum, learning basic vehicle maintainance and care such as how to physically change a car tyre, hearing from a local police officer from Victoria Police and being taken through a real-life highway patrol vehicle, and the chance to physically drive a real-life vehicle with a qualified and highly experienced driving instructor at the M.E.T.E.C Driver Training facility in Bayswater.

The learning experiences offered within this subject are designed to better prepare students who wish to pursue undertaking VCE Physical Education, VCE Health and Human Development, and/or VCE Units 3 & 4 Outdoor and Environmental Studies (enhancement only).

Subject Length:

1 semester

4 periods

Areas of Study:

- Sports Injury Management
- Aquatic Safety
- First Aid / CPR
- Road and Driver Safety
- Risk Assessments of aquatic environments

Assessment:

- Practical assessment task (taping a joint)
- Written test
- Know Your Car - Research task
- End of semester examination

Pathways:

Studies in this area could lead to:

- VCE Units 3 & 4 Outdoor and Environmental Studies (enhancement only)
- VCE Health and Human Development
- VCE Physical Education

Subject Specific Information:

Costs for this subject are managed by individual events. The approximate costs for this subject are $400 split between a series of different activities. These are charged on an individual basis and are varied in costings, depending on the activities and locations involved. These costs are subject to change depending on provider charges in 2025.

Sports Management.

This subject is designed for students with a passion for sports and the management of sporting events by providing opportunities for students to explore the important off-field roles that make sports such a significant part of Australian culture.

With a balance of both theoretical classroom learning and practical experiences in real sporting situations, students will gain valuable insight into the roles of sports managers, administrators, officials, and coaches. Students will get hands-on experience by assisting in the planning and delivery of Physical Education classes, interschool sports teams, and school-house sports carnivals.

Students who are interested in pursuing a career in the sports industry or who simply have a love for sports participation or management are encouraged to undertake this subject as students will gain the skills and knowledge required to explore the many support roles available in this dynamic field.

Subject Length:

1 semester

4 periods

Areas of Study:

- Coaching Skills
- Event Management Skills
- Sport Industry Roles

Assessment:

- Practical assessment task (design and implementation of a coaching session)
- Management skills (planning, executing, & reviewing a sporting event)
- Written test
- End of semester examination

Pathways:

Studies in this area could lead to:

- VCE Physical Education

Subject Specific Information:

Students are required to wear either the EHS PE uniform or other suitable exercise clothing in all practical lessons.

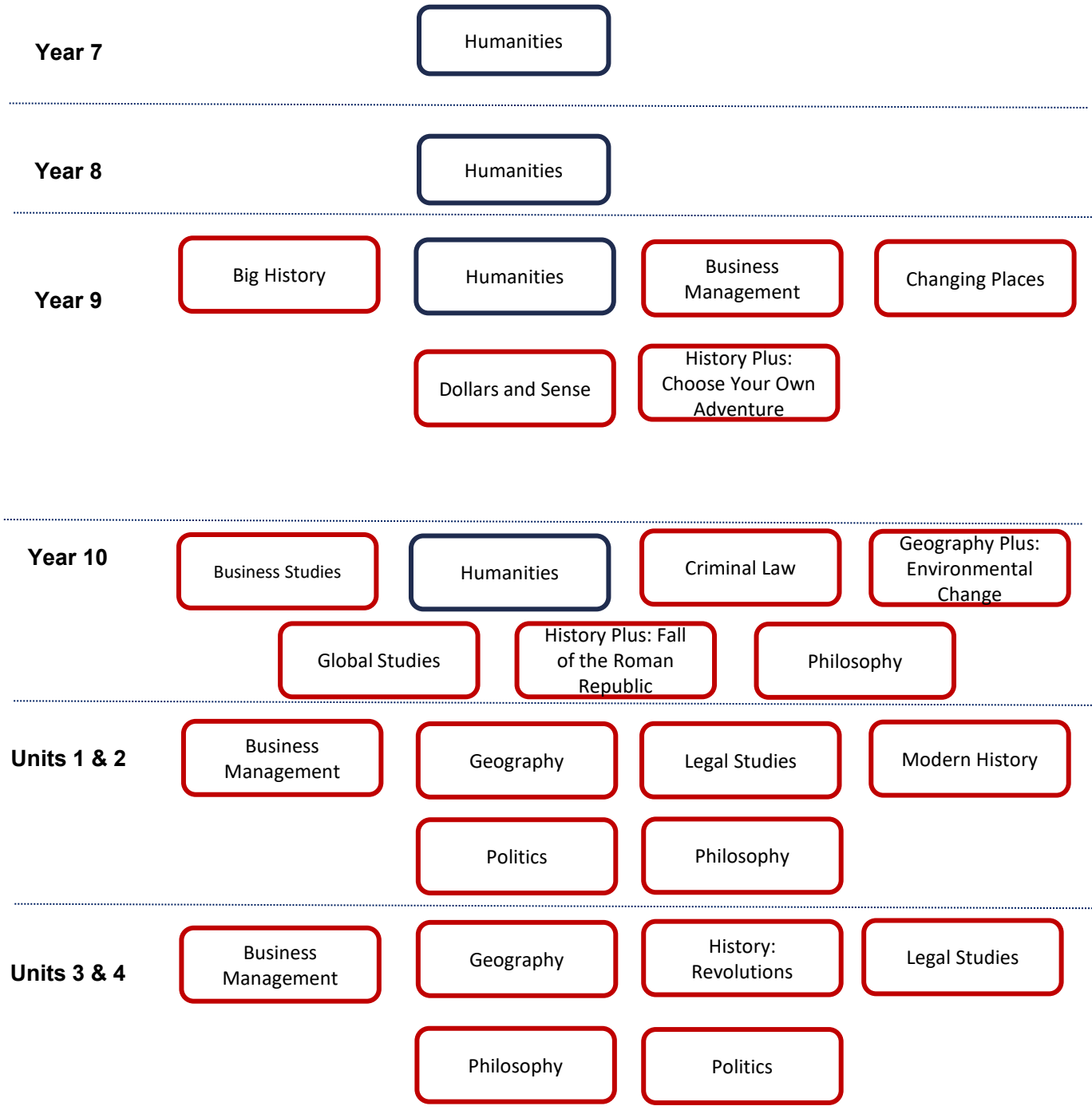
Humanities.

Humanities is the study of societies – their past, their impact upon the natural environment, and how they form institutional structures including the economy, politics, laws and critical thought like philosophy. Humanities contains one core single semester subject that all Year 10 students must undertake whilst also having an opportunity to choose from a wide variety of Humanities electives as well. The Humanities electives on offer at Year 10 lead into each Humanities VCE pathway available and aim to combine interesting topic areas with critical learning skills for future application.

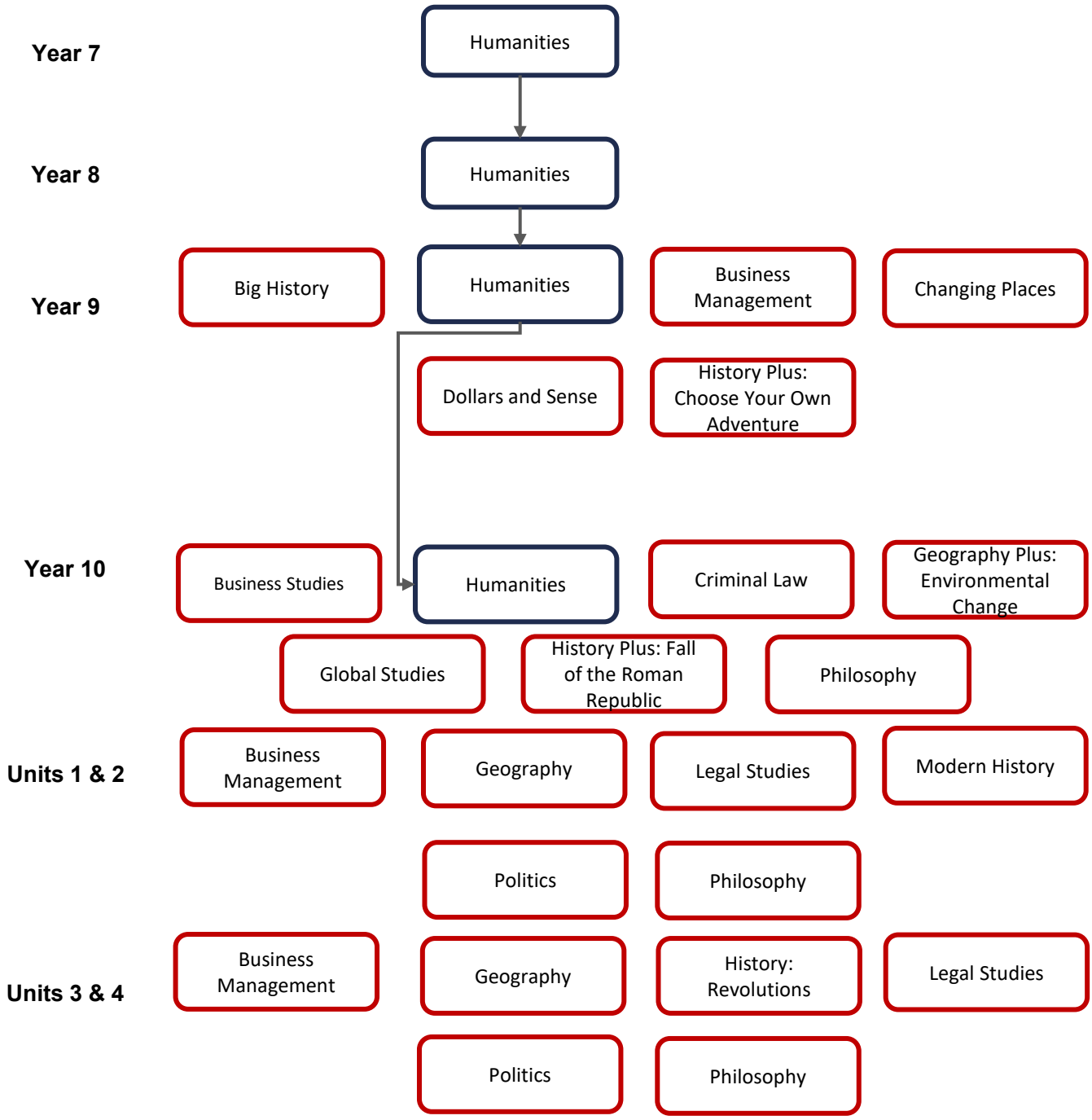
At Year 10 all students must undertake Year 10 Humanities for one semester. They can also choose to undertake any of the Humanities electives below:

- Business Studies
- Criminal Law
- History Plus: The Fall of Rome
- Global Studies
- Geography Plus
- Philosophy

Humanities Subjects.



Humanities Pathways Process.



Humanities.

Humanities is a compulsory subject that all students must complete in Year 10. The subject provides students with a holistic understanding of how humanities is studied and looks to build important broad skills including document analysis, essay writing and critical thinking skills. The areas that Humanities focuses on are Australia's role in World War Two, Indigenous history and the study and evaluation of Human Well-Being across the world.

In this subject, students are expected to:

- Examine cause and consequences of historical events, in particular the triggers of World War Two
- Critically examine the experiences of Australians during World War Two
- Develop key Geography skills such as the application of Pattern, Quantify, Exceptions (PQE) in the analysis of geographical visual data.
- Critically reflect on the experiences and changes (legal and social) that took shape due to the actions of the Indigenous rights movement.

Subject Length

1 Semester

8 periods

Areas of Study

- World War II and the Pacific War
- Human Well-Being
- Indigenous Rights and Freedoms

Assessment:

- Document analysis of visual and written sources
- Research assignment on human wellbeing
- History essay

Pathways

- VCE History
- VCE Geography
- VCE Politics
- VCE Legal Studies

Business Studies.

Business Studies prepares students for VCE subjects including Accounting, Business Management and Economics. As such it includes a unit on each of these key areas. As part of this subject students will examine and explore the role of an accountant. From the perspective of an accountant, they will work through financial scenarios and the logging of financial details. Students will study different business management strategies and apply them to different real-world case studies. Finally, they will learn about economics and apply different economic techniques in analysing societies' economic performance.

This subject is an excellent pathway for those students considering pursuing any VCE studies in Business Management, Accounting, or Economics and who want to either get an early start or understand more about each subject before making decisions on VCE subject selection.

Subject Length:

1 Semester

8 periods

Assessment:

- Test
- Business Simulation
- Research Task

Areas of Study:

- Economics
- Business Management
- Accounting

Pathways:

Studies in this area could lead to:

- VCE Business Management
- VCE Accounting

Criminal Law.

Criminal Law is the study of the Criminal Justice System with a focus on Australian Law. Students engage with study areas, such as, how law is classified, the Australian Parliament system, the Victorian court hierarchy and jurisdiction, the jury system and how the police process a criminal investigation.

Students will learn about different criminal laws with case studies on different areas including homicide. They will examine how legal cases are presented in criminal courts and they will learn how to present their own interpretations of cases through the application of a criminal journal. Students will learn about the Victorian Criminal Court system with an emphasis on its functions and processes.

This subject would be beneficial for any students interested in developing the skills and knowledge necessary to undertake VCE Legal Studies, or who has a general interest in legal knowledge.

Subject Length:

1 Semester

8 periods

Areas of Study:

- Introduction to Criminal Law
- Australian Parliament and Law making
- Victorian Court System
- Jury System
- Police powers
- Criminal Law Case Studies

Assessment:

- Test
- Criminal Law Journal
- Case Study

Pathways:

Studies in this area could lead to:

- VCE Legal Studies

Geography Plus: Environmental Change.

Geography Plus focuses on developing important geographic skills by conducting fieldwork and through the examination of case studies, including deforestation and water management. The focus is on Environmental Change and Management where students learn about how the environment has changed due to human intervention, and how humans now manage these environments. During this subject, students will undertake a fieldwork study in parts of Melbourne and/or Victoria (such as Phillip Island, Hampton Beach, and/or the Melbourne Zoo) where they will collect and interpret important data on a given topic. This subject will suit students who have an interest in environmental studies, environmental science, geography, conservation and land management, and those undertaking VCE Geography.

Subject Length:

1 Semester

4 periods

Areas of Study:

- Environmental Change
- Environmental Issues

Assessment:

- Fieldwork Case Study
- Research Task

Pathways:

Studies in this area could lead to:

- VCE Geography
- VCE Outdoor and Environmental Studies
- Park Ranger
- Zoo Keeper
- Town Planner
- Ecologist
- Environmental Manager

Global Studies.

Global Studies examines how we are interconnected in a worldwide network of social and political relations. Students will explore various social movements such as the return of fascism or neo-Nazism, environmental activism, and the ongoing threat of global terrorism, as well as different forms of government and governing (e.g., democracy, dictatorship, theocracy, etc.). Students investigate a range of ethical considerations and human rights issues connected to these topics.

Throughout this course, students develop an understanding of how governments respond to global crises and conflict through political relations, diplomacy, and international organisations such as the UN.

Lastly, students complete a special case study on a current issue of global significance. Potential topics to choose from include; the ongoing conflict in Ukraine, the spread of nuclear weapons, and the possibility of war between global superpowers, amongst many other options.

Subject Length:

1 Semester

4 periods

Areas of Study:

- Global Interconnections
- Global Terrorism and Conflict
- Human Rights

Assessment:

- Critical Analysis Task
- Research Task

Pathways:

Studies in this area could lead to:

- VCE Politics
- VCE History
- VCE Legal Studies

History Plus: Fall of the Roman Republic.

In this Ancient History unit on the Roman Republic, students delve into the rich tapestry of one of the most influential civilisations in human history. They embark on a journey through time, tracing the empire's origins from the legendary founding of Rome to its zenith as a sprawling superpower, and finally, its gradual decline and transformation into a dictatorship. Through the unit students uncover the intricate political structures, social dynamics, economic systems, and cultural achievements that characterised Roman society. They explore the empire's military conquests, religious beliefs, architectural marvels, and literary masterpieces. The Fall of the Roman Republic supports students in developing important humanities skills in historical analysis and interpretations, continuity, and change. Students will learn about key figures such as Julius Caesar, Augustus Caesar, Marc Antony, and Cleopatra, as well as significant events like the formation of The Triumvirates, the Roman Civil Wars, and the fall of the Roman Republic.

By the culmination of the unit, students emerge with a nuanced understanding of the Roman Empire's profound impact on the ancient world and its lasting influence on subsequent civilisations and gives a solid foundation for students looking to enter History or Politics VCE pathways.

Subject Length:

1 Semester

8 periods

Areas of Study:

- First Triumvirate
- Second Triumvirate

Assessment:

- Extended Response Questions
- Source Analysis
- Research Task

Pathways:

Studies in this area could lead to:

- VCE History
- VCE Politics

Philosophy.

Philosophy examines and critically explores important philosophical questions. Students will develop key skills in examining philosophical thought and develop their ability to articulate their own thoughts on philosophical questions. They will explore philosophical thought on such issues as logic and reason, the nature of reality, God and religion and lastly, how to approach ethical dilemmas.

Students begin the philosophical journey exploring the Ancient Philosophers, including Socrates and Plato, looking at the theories relating to the study of Metaphysics. Moving forward, students review the concept of religion and how varies societies practise faith. Lastly, students look at Value Theory, undertaking a detailed inquiry on current issues in Western society.

Subject Length:

1 Semester

8 periods

Areas of Study:

- Introduction to Philosophy
- Metaphysics
- Ethics

Assessment:

- Inquiry Task / Film analysis
- Philosophy exploration
- Analytical Task

Pathways:

Studies in this area could lead to:

- VCE Philosophy

Languages.

To participate fully in our increasingly multi-cultural and international world, all students are urged to carefully consider the study of a second language.

The Year 10 units of Languages - French and Indonesian - are designed to enable students to use language to interact with others, to develop an awareness of the structure of language, and to gain insight into and appreciation of another culture. This is achieved through dealing with the functions of language in various activities, roles, and settings. The linguistic elements of language are developed through the study of topics and through different types of texts.

Once a student discontinues the study of a language, it is extremely difficult to resume it later. For this reason Eltham High School encourages students to maintain a language in their course for as long as possible. The study of language is beneficial for not only VCE but also for a range of tertiary pathways and a wide variety of careers.

As part of the Year 10 Languages program, students are involved in our Native Speaker Program on a weekly basis. Here, students are encouraged to practise their spoken language with native speakers.

Knowledge of languages is the doorway to wisdom
- Roger Bacon

Languages Subjects.

Year 7	French	Indonesian	
Year 8	French	Indonesian	
Year 9	French	Indonesian	These electives are year long
Year 10	French	Indonesian	These electives are year long
Units 1 & 2	French	Indonesian	
Units 3 & 4	French	Indonesian	

Core subject

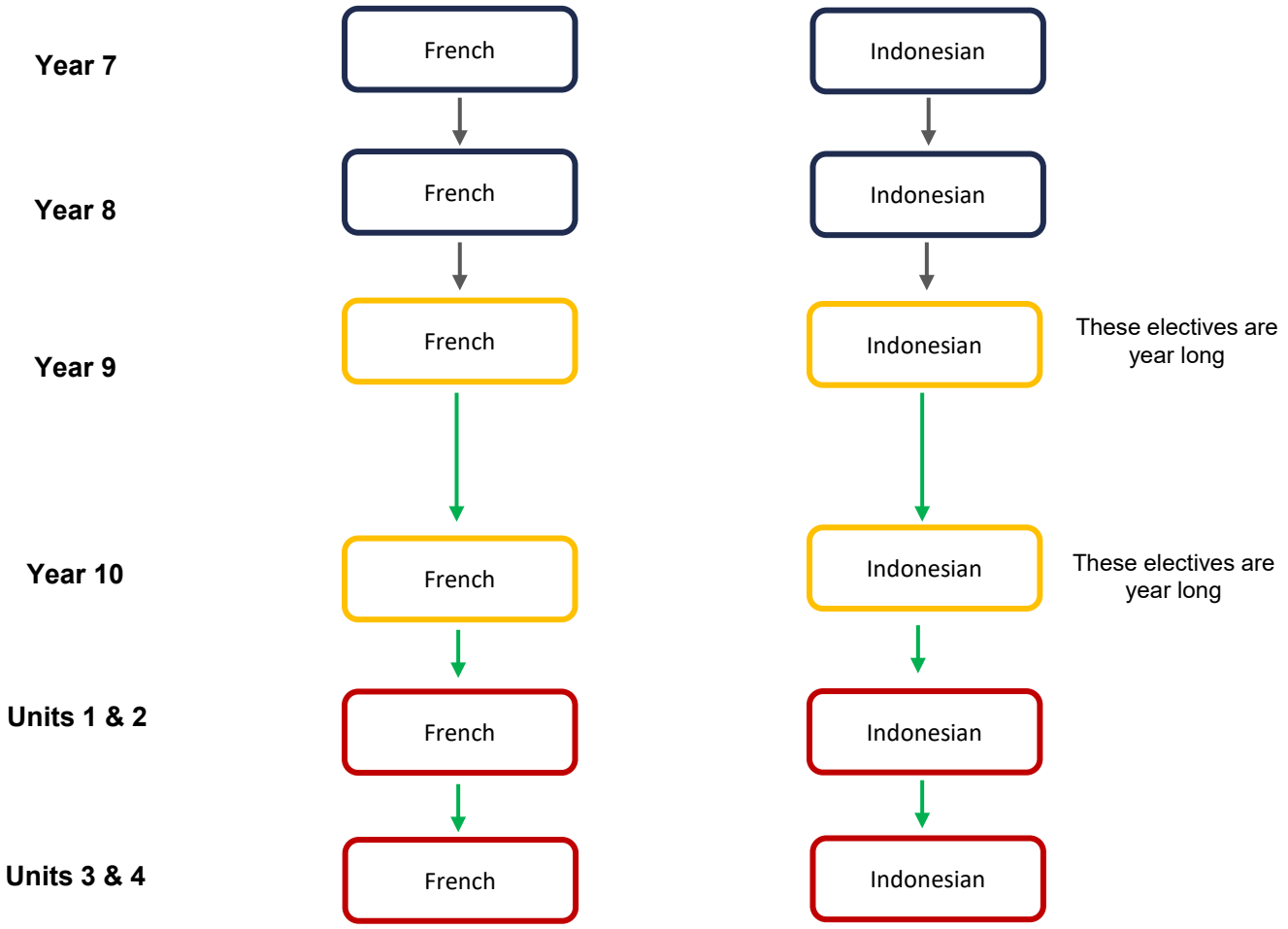
Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Languages Pathway Process.



Core subject

Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

French.

Year 10 French builds on the skills and knowledge students have acquired in their previous language studies during Years 7-9. The coursework fuses French history and French tourist sites with relevant 21st century issues such as the climate crisis, the role of technology in society, and higher study pathways beyond secondary school. Year 10 French covers various discourse forms used in personal, informative, and imaginative language through completion of tasks related to reading comprehension, speaking, listening, and writing.

Subject Length:

1 year

8 periods

Areas of Study:

- Paris: History, Geography and Tourist Sites
- The Castles of the Loire Valley
- Childhood and Past Memories
- Environmental Sustainability
- The Beaches of Normandy and World War Two History
- Nancy Wake's Role in the French Resistance
- Technology and Future Study Pathways

Assessment:

- Speaking
- Listening
- Reading
- Writing

Prerequisites:

Prior to undertaking this subject students should have undertaken Year 9 French or equivalent.

Pathways:

Studies in this area could lead to:

- VCE French

Subject Specific Information:

Earplugs / headphones required as per the booklist.

$280.00* elective subject charge for the Native Speaker weekly program. Costing for this program may change depending on provider chargers in 2024.

Indonesian.

Year 10 Indonesian builds on the skills and knowledge students have acquired in their previous language studies during Years 7-9. The coursework covers topics such as student exchange and Indonesian history and covers various discourse forms used in personal, informative, and imaginative language through completion of tasks related to reading comprehension, speaking, listening, and writing.

Subject Length:

1 year

8 periods

Areas of Study:

- Student Exchange,
- Health
- The City and the Village
- History
- Indonesian Independence

Assessment:

- Speaking
- Listening
- Reading
- Writing

Prerequisites:

Prior to undertaking this subject students should have undertaken Year 9 Indonesian or equivalent.

Pathways:

Studies in this area could lead to:

- VCE Indonesian

Subject Specific Information:

Earplugs / headphones required as per the booklist.

$280.00* elective subject charge for the Native Speaker weekly program. Costing for this program may change depending on provider chargers in 2024.

Mathematics.

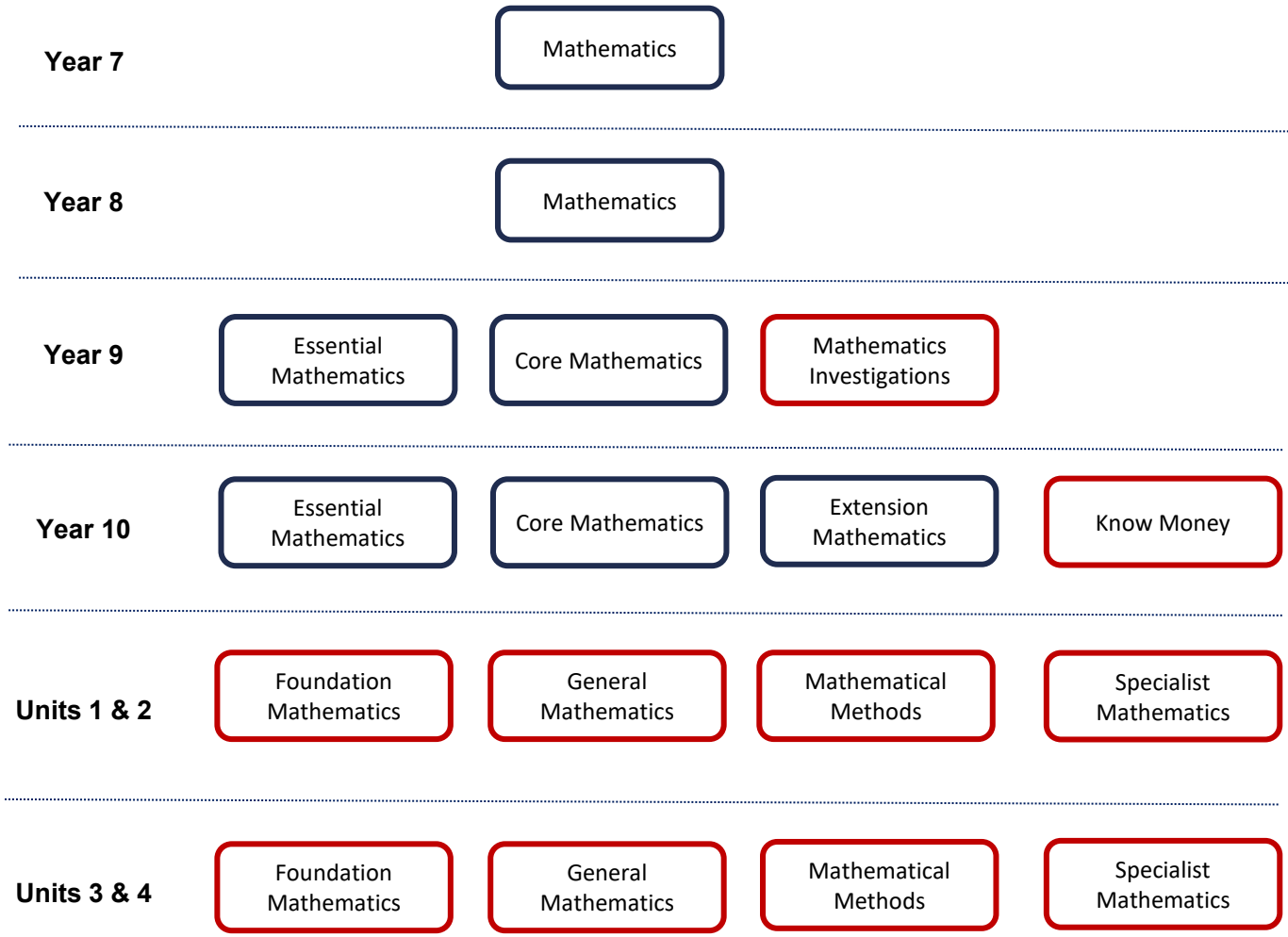
At Eltham High School, our philosophy for Mathematics revolves around fostering mathematical curiosity, building connections between mathematical concepts and real-world applications as well as empowering students to develop mathematical fluency and problem-solving skills.

Our approach focuses on building a solid foundation of mathematical concepts while fostering a growth mindset among our students. We encourage students to ask questions, investigate patterns, and make connections between mathematical concepts and their practical applications. By engaging students' curiosity, we aim to develop their enthusiasm for mathematics and promote lifelong learning.

We believe in providing a supportive and inclusive learning environment that values and celebrates the diversity of our students. We acknowledge that each student brings unique strengths, and we strive to differentiate our instruction to cater to their individual needs. By promoting inclusivity, we create an environment where all students feel empowered to participate, take risks, and achieve their full potential.

In Year 10, students are required to undertake a full year of Mathematics and can select from either Extension Mathematics, Core Mathematics or Core Essential Mathematics. They may also select to undertake an additional elective that enhances their mathematics studies.

Mathematics Subjects.



Core subject

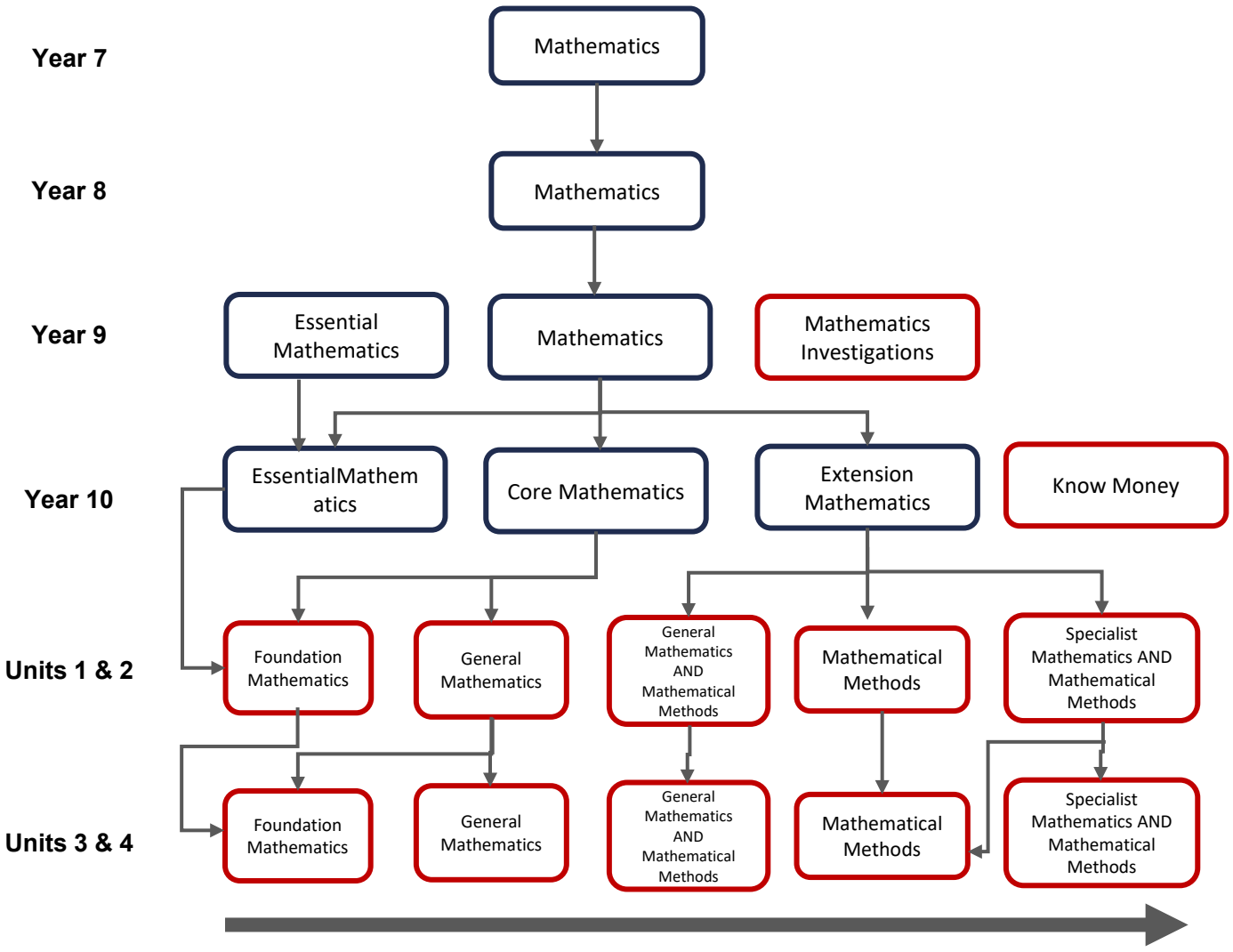
Elective subject

Pathway with prerequisite

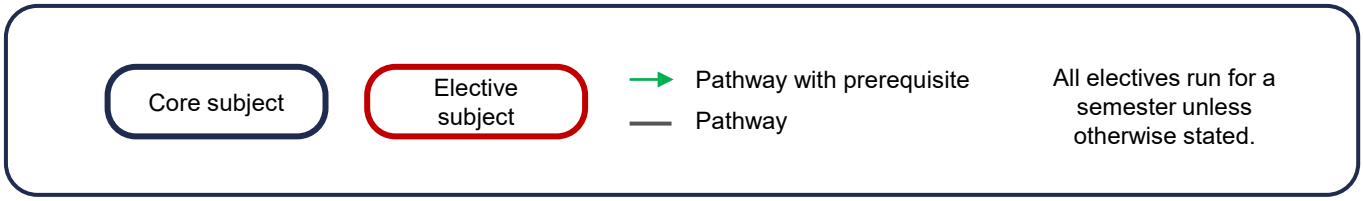
Pathway

All electives run for a semester unless otherwise stated.

Mathematics Pathways Process.



- While a pathway is provided to Mathematical Methods and General Mathematics, Year 10 Mathematics Extension is the recommended option for students who are considering following any Methods pathway. Students entering Mathematical Methods and General Mathematics from Year 10 Core Mathematics must study additional Methods pathway topics throughout the second semester of Year 10 and should expect to complete additional algebraic work.
- While a pathway is provided to General Mathematics Units 3 & 4 from Mathematical Methods Units 1 & 2, these students must study additional modules during the second semester.



Core Mathematics.

Core Mathematics is offered to students who feel it is unlikely that their VCE pathway will include Mathematical Methods. The Year 10 Core Mathematics course covers the requirements for the study of Year 10 Mathematics, and prepares students primarily to study General Mathematics in Year 11. The Core Mathematics course provides students with a wide variety of mathematical experiences, which vary from practical applications to more abstract problem solving situations.

Students who later elect to study Mathematical Methods in Year 11 are required to study alternative topics in the second semester of Year 10. Teachers may recommend additional preparation work in the second semester of Year 10 for some students, dependent on their proposed mathematics pathway.

Subject Length

1 year

8 periods

Areas of Study

- Number & Algebra:
  - Financial arithmetic
  - Linear equations & graphs
- Measurement & Geometry:
  - Composite solids
  - Geometric proofs
  - Congruence & similarity
  - Pythagoras & trigonometry
- Statistics & Probability
  - Representation & interpretation of data
  - Probability

Assessment:

- Problem solving tasks
- Skills practice & tests

Pathways:

Studies in this area could lead to:

- Units 1 & 2 General Mathematics
- Units 1 & 2 Mathematical Methods (with further study in Year 10)

Essential Mathematics.

Essential Mathematics is designed to support students whose mathematical skills may not be sufficient to take Year 10 Core Mathematics. The course is suited to students who are unlikely to complete any Mathematics at a VCE level, or for those students who intend to follow a VCE-VM pathway. The Essential Mathematics course provides students with a wide variety of mathematical experiences.

It is important to be aware that Essential Mathematics does not guarantee a pathway into a VCE Mathematics. It is therefore important that students considering Essential Mathematics in year 10 have researched requirements for courses and careers that interest them and are certain that VCE Mathematics is not a prerequisite for further study.

Students who undertake Essential Mathematics, and who later decide to study VCE Mathematics in Year 11, can only select Foundation Mathematics and will be required to study alternative topics in the second semester of Year 10.

Subject Length

1 year

8 periods

Areas of Study

- Number & Algebra:
  - Financial arithmetic
  - Linear equations & graphs
- Measurement & Geometry:
  - Composite solids
  - Geometric proofs
  - Congruence & similarity
  - Pythagoras & trigonometry
- Statistics & Probability:
  - Representation & interpretation of data
  - Probability

Assessment:

- Problem solving tasks
- Skills practice & tests

Pathways:

Studies in this area could lead to:

- Units 1 & 2 Foundation Mathematics (with further study in Year 10)

Extension Mathematics.

Mathematics Extension is offered to students who are considering a pathway that includes VCE Mathematical Methods, or who wish to keep their mathematics pathway options open. The Year 10 Mathematics Extension course covers the core requirements for the study of Year 10 Mathematics, along with additional content designed to develop students' mathematical background in preparation for the VCE Mathematical Methods pathways.

Mathematics Extension is a more challenging course which places strong emphasis on effective algebraic skills and develops the student's existing capabilities and skills through greater depth and breadth across the content covered. Students should feel confident in Year 9 Mathematics, have a secure grasp of the expected level of algebra and be prepared to challenge themselves further in their maths if they choose to undertake this subject. Teachers may recommend additional preparation work in the second semester of Year 10 for some students, dependent on their proposed mathematics pathway.

Subject Length

1 year

8 periods

Areas of Study

- Number & Algebra:
  - Surds, indices & logarithms
  - Linear equations & graphs
  - Quadratics & other polynomials
  - Functions & relations
  - Transformations
- Measurement & Geometry
  - Area & volume of composite shapes & solids
  - Geometric proofs & circle theorems
  - Trigonometry, including circular functions
- Statistics & Probability
  - Representation & interpretation of data
  - Probability
  - Counting Methods

Assessment:

- Investigations
- Skills practice & tests (technology free & technology allowed)
- Problem solving tasks

Pathways:

Studies in this area could lead to:

- Units 1 & 2 Mathematical Methods
- Units 1 & 2 Specialist Mathematics

Know Money.

The Mathematics elective, Know Money, encourages students to use their learned maths skills to help build their confidence and ability to navigate modern financial responsibilities and opportunities. In Know Money, students are given the chance to develop their own financial literacy and ability through exploring personal budgeting, methods of saving, how credit loans work, applying for loans as well as responsibilities of tax.

The unit also enables students to build capabilities with modern concepts of investments, partaking in the ASX schools share market game to provide insights and tangible practice with the buying and selling of shares to develop their own investment portfolios. The content and skills taught will help students more successfully manage their finances and know when to suitably engage financial services and when to aviod debt.

Subject Length:

1 Semester

4 periods

Areas of Study:

- Personal Finance: picking bank accounts, interest rates, budgeting, bills as well as working out and paying tax.
- Stock Market Game: Using a starting point of $50K, students buy and sell shares with the aim of making as much money as possible.
- Personal Loans and the Intricacies of Finances
- Purchasing Property and Mortgages

Assessment:

- Oral presentations
- Learning portfolios
- Lesson-to-lesson activities

Pathways:

Studies in this area could lead to:

- Future financial independence

Science.

At Eltham High School, we recognise the essential importance in the 21st Century of the application of 'Science' to shape our world and our responses to the challenges we face as a global society. Every one of our students must be scientific literate to be able to:

- Critically consider and manipulate evidence and ideas they are presented with.
- Make informed, evidence-based decisions regarding scientific and technological issues that immediately affect their own lives.
- Engage in the wider ethical considerations and decisions of technological advancement.

As such, our credence is ' Science for all, always' and we live this motto in multiple ways:

1. We acknowledge the cultural and technological evolution of scientific ideas and explicitly teach the endeavour of scientists to explain the observable universe.
2. From Year 9, we differentiate the types of scientific experiences we offer to cater for the needs of all students.
3. We focus on the explicit development of scientific inquiry skills along a Years 6 – 10 continuum so that students develop the ability to:
    - Make observations, questions and predictions.
    - Design and implement fair scientific tests.
    - Analyse and communicate findings to varied audiences.

In Year 10, students are required to undertake a semester of core Science and may also select to undertake additional electives that enhance their studies. Year 10 core Science ensures that every student has access to both the key knowledge and skills development required in the sub disciplines of Biology, Chemistry, Earth and Space Sciences, and, Physics, as well as Scientific Inquiry.

In Year 10, there is a particular emphasis on students developing their ability to appropriately communicate evidence-based scientific ideas (from investigations) to varied audiences.

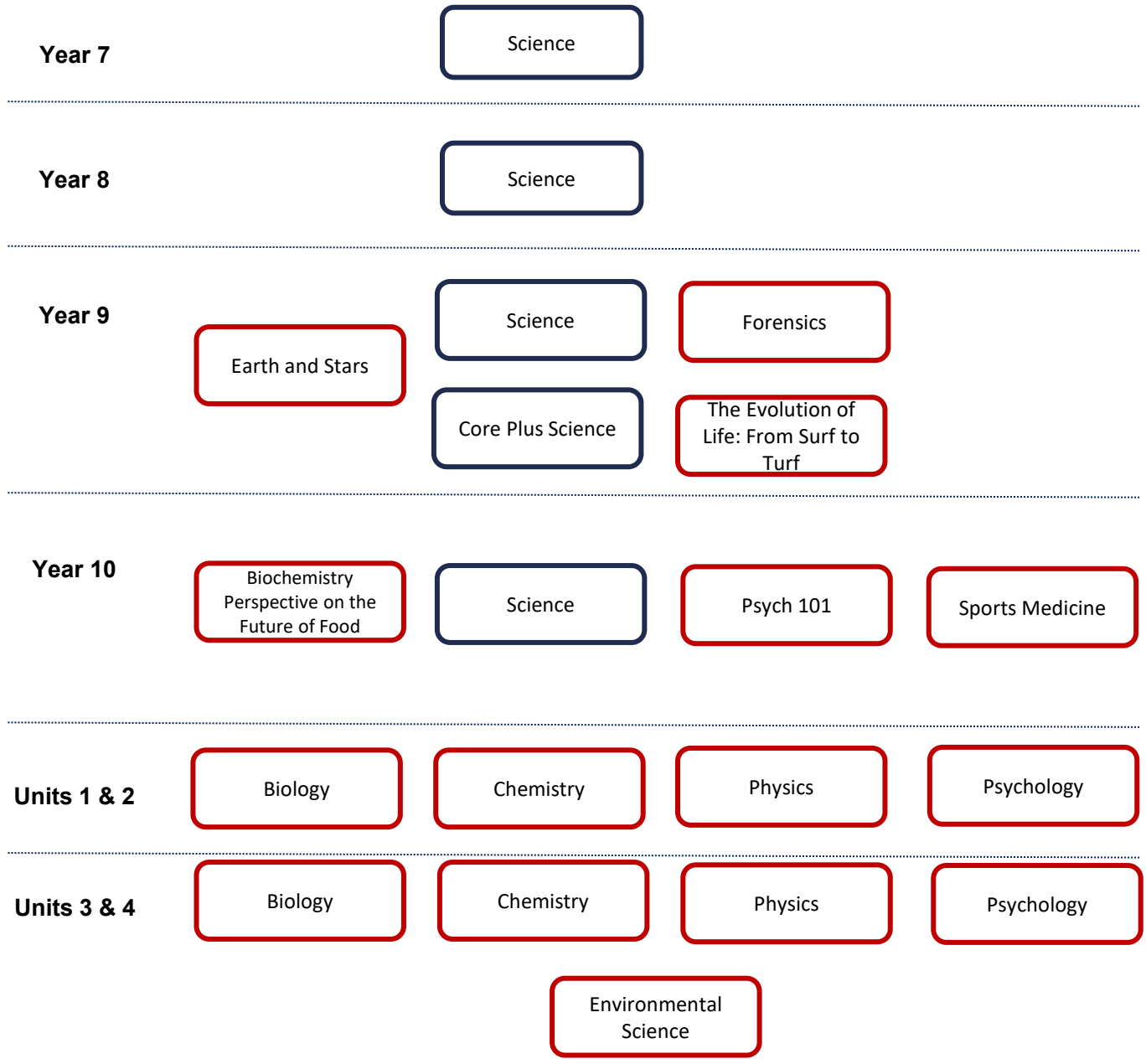
In addition to Core Science, student may select to undertake the following electives that have varying focuses to suit all students:

- Fundamental concept electives are designed to explore the key ideas, concepts and theories related to a specific branch of Science. These classes support and expand on the ideas explored in Core Science and include:
    - Psych 101
    - Sports Medicine
    - Biochemistry – Future of Food
- Students take an active role in shaping their scientific exploration through the Student Designed Scientific Inquiry electives. These courses expose students to interconnected ideas, fostering critical thinking and research question development for scientific investigation and communication. Designed to hone scientific experimentation, formal communication, and executive function skills, these electives provide a springboard for success in VCE Biology, Chemistry, Environmental Science, Physics, Psychology, and Extended Investigation (Science Focus).
- Students can choose to delve deeper into the fascinating world of biochemistry through the "Biochemistry Perspective on the Future of Food - Scientific Inquiry & Investigation" elective. This exciting course explores the intersection of science and food, equipping students with the tools to grapple with real-world issues and imagine innovative solutions.
- STEAM electives are designed to encourage students to use the EHS STEAM Design Process to practically solve an identified subject. These 'science adjacent' subjects utilise and encourage the application of scientific thinking (refer to the Critical Inquiry KLA Subject Pages).

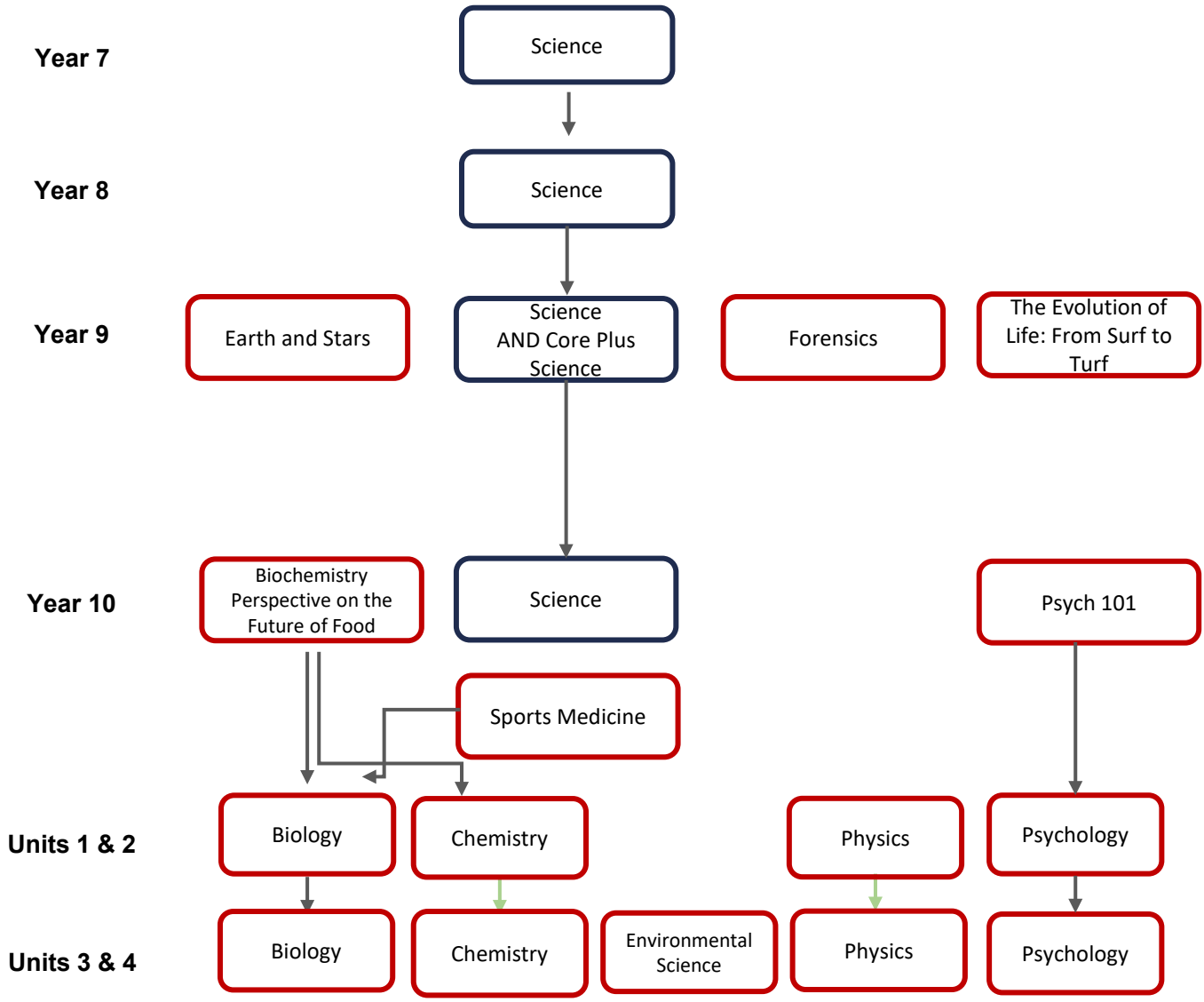
If I have seen further it is by standing on the shoulders of giants

In 1675 letter from Isaac Newton

Science Subjects.



Science Pathway Process.



Core subject

Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Science.

In Year 10 Core Science provides a comprehensive and engaging foundation for further scientific exploration. Students delve into the fascinating world of physics, biology, and chemistry, building a strong understanding of core principles. Through physics, they will analyse the motion and energy of objects, learning to apply Newton's Laws and design their own experiments for hands-on learning. Biology unlocks the mysteries of inheritance with a focus on genetics, where students utilise tools like pedigrees and Punnett squares to understand how traits are passed through generations. Finally, chemistry explores the different types of reactions that power the world around us, fostering a deeper appreciation for the applications of this essential field.

Subject Length

1 Semester

8 periods

Areas of Study

- Biology – Understanding Genetic Inheritance
- Chemistry – Understanding Common Chemicals
- Physics – Understanding Vehicle Momentum

Assessment:

- Test
- Scientific Investigations

Pathways:

Studies in this area could lead to specialisations in VCE Sciences including:

- VCE Biology
- VCE Chemistry
- VCE Environmental Science
- VCE Physics
- VCE Psychology

Biochemistry - Future of Food.

This course requires students to grapple with the biological, chemical, and biotechnological mechanisms and limitations that control feeding a growing population in the face of climate challenges. This in-depth exploration will delve into the chemical makeup of human food (biomacromolecules) and how these chemical mechanisms and biological systems regulate hunger, nutrient absorption, and overall human health. By critically appraising evidence and applying scientific literacy, students will be required to explain the intricate biological and chemical mechanisms at play in employing biotechnology to address global food issues and the potential bioethical frameworks associated with these potential solutions. In doing so, they will explore the trade-offs and potential unintended consequences associated with each approach. For example, Is it better to genetically modify a cow (and thus the beef industry) or swap to insects or plants/fungi as other protein sources?

Subject Length:

1 Semester

4 periods

Areas of Study:

- Introduction to the 21st Century Challenges of Food.
- Understanding Biomacromolecules.
- Investigating GM and the Bioethics of Food Alternatives.
- Research Investigation

Assessment:

- Folio of Classwork (Logbook)
- Student Investigation
- Examination

.

Pathways:

Studies in this area could lead to VCE Sciences including:

- VCE Biology
- VCE Chemistry

Science: Elective Subject.

Psych 101.

In Year 10, the Science electives complement the core and explore how scientific ideas (of all sub-science disciplines) are applied in applied science and the relevant career pathways. Psych 101 is a preparatory subject that introduces students to the domain of Psychology and pathways in this field. This course is important as the key skills and knowledge of Psychology are only briefly touched on in the Years 9 & 10 core science curriculum. This course allows students to ensure that a Psychology pathway in VCE is correct for them. All Year 10 science electives have a core set of essential VCE skills that they employ to best prepare students for the rigors of VCE sciences (and being scientifically literate).

Subject Length:

1 Semester

4 periods

Areas of Study:

- Introduction to Psychology
- Research methods in Psychology
- Cognitive Psychology
- Biological Psychology
- Social Psychology

Assessment:

- Test
- Written Research Case Study and Experiments

Pathways:

Studies in this area could lead to specialisation in VCE Psychology.

Sports Medicine.

In this fundamental concept course students are introduced to the key biology, chemistry and physics science concepts associated with sport and the way the body reacts to the demands of physical activity. This course allows Year 10 students to consider the health/medicine side of sciences as they consider potential pathways. The subject is taught through a blend of theory and experimental investigations focussing on developing skills (and pathways) towards VCE

Subject Length:

1 Semester

4 periods

Areas of Study:

- Body Systems - Skeletal, Muscular, Respiratory & Cardiovascular
- Injuries, Illnesses & Rehabilitation
- Performance Enhancement - the science and ethics of supplementations and performing enhancing drugs

Assessment:

- Test
- Written Investigation and Practical Reports

Pathways:

Studies in this area could lead to specialisation in:

- VCE Biology
- VCE Physical Education
- VCE Health and Human Development

Technology.

At Eltham High School the Technology curriculum emphasises student engagement in designing, creating, and evaluating processes, products and technological systems using a range of materials as a way of developing creativity and innovation. This is achieved through a diverse range of subjects, all of which build on skills and knowledge in Year 7, 8 and Year 9, and which provide clear pathways to VCE Technology subjects.

Design, creativity and innovation are an important component of a balanced course for Year 10 students and are essential elements for success in many areas. For this reason all students are required to complete at least one Technology subject as part of their course. At Year 10 students can select from the following electives:

Food:

- Food off the grid
- Food by design
- Patisserie

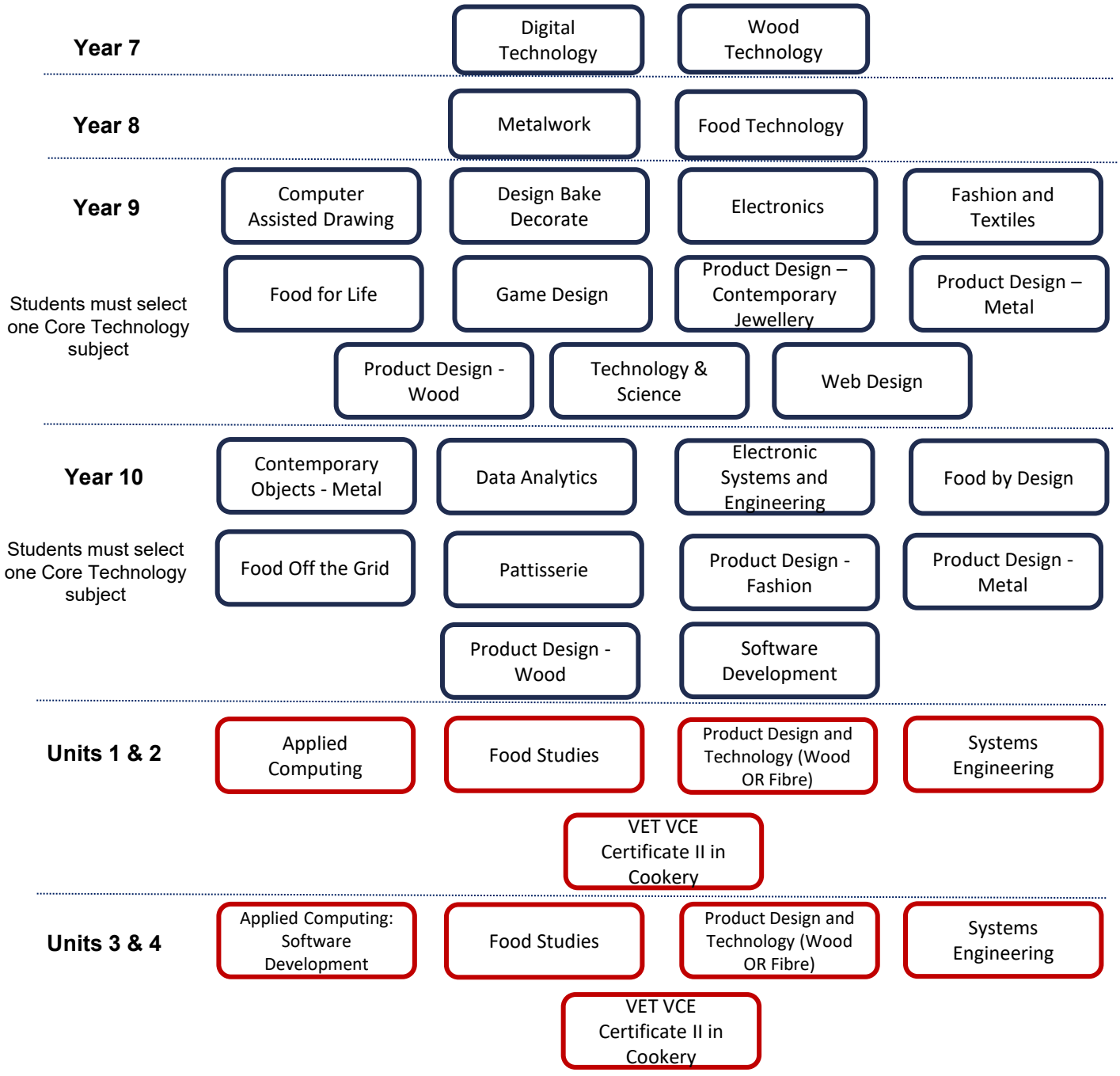
Materials:

- Designing a musical instrument
- Product Design – Fashion
- Product Design – Metal
- Product Design – Wood

I.T and electronics:

- Data Analytics
- Electricians
- Electronic Systems and Engineering
- Software Development

Technology Subjects.



Core subject

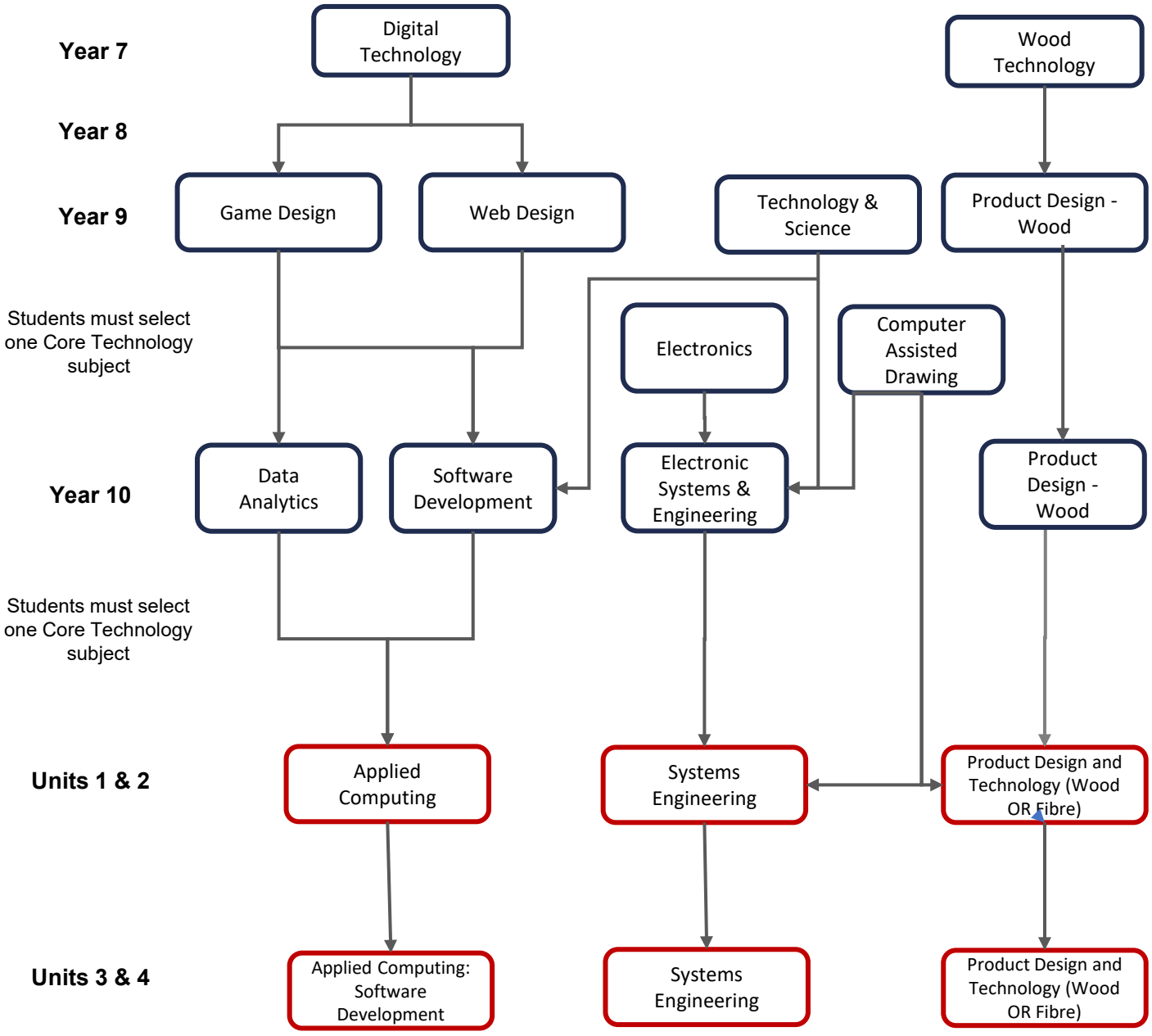
Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Technology Pathway Process.



Core subject

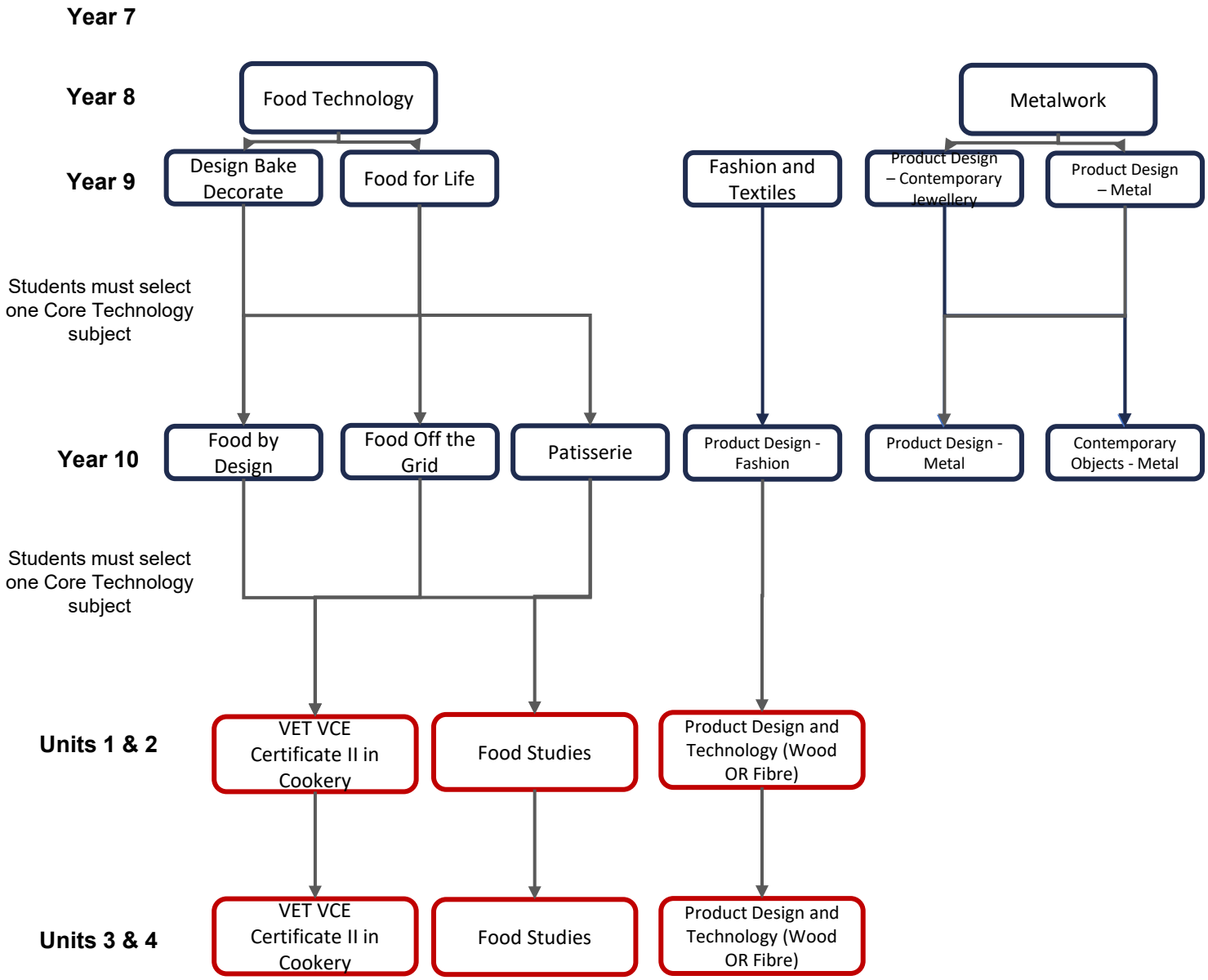
Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Technology Pathway Process.



Core subject

Elective subject

Pathway with prerequisite

Pathway

All electives run for a semester unless otherwise stated.

Contemporary Objects - Metal.

In this subject, students design and handmake a series of metal pieces inspired by a theme of their choice. Creativity and individual expression are central, with students encouraged to explore their own interests to inform both their design concepts and final products. These may include a suite of jewellery items, mobile or decorative pieces, or small-scale sculptures. The subject focuses on both design thinking and the development of advanced hand skills. Emphasis is placed on producing a cohesive and well-resolved body of work, supported by research, concept development, and experimentation. Students work through the full design process from initial ideas and drawings to final production and evaluation, gaining confidence, precision, and craftsmanship in a creative and hands-on environment.

Subject Length:

1 Semester

4 periods per fortnight

Areas of Study:

- Investigation
- Design
- Production
- Evaluation

Assessment:

- Design Folio
- Practical production of designed item
- Product evaluation

Pathways:

Studies in this area could lead to:

- VCE Product Design and Technologies

Subject Specific Information:

There is a course charge for this subject to cover the materials required.

Data Analytics.

In this subject, Students explore how data analytics is used across industries and learn key concepts such as the sources and qualities of data, analysing data to produce insights, and visualising their findings. They practise preparing and analysing data using a range of techniques and create effective data visualisations. Students also develop skills in interpreting and communicating findings through reports, presentations, and data storytelling.

This subject provides a comprehensive and practical learning experience that equips students with the knowledge, technical skills, and confidence to apply data analytics in a wide range of contexts.

Subject Length:

1 Semester

4 periods per fortnight

Areas of Study:

- Spreadsheet Skills
- Infographic Design
- Research Task

Assessment:

- Spreadsheet folio
- Infographics folio
- Research task
- Semester examination

Pathways:

Studies in this area could lead to:

- VCE Applied Computing

Electronic Systems & Engineering.

Year 10 Electronic Systems & Engineering covers knowledge and skills that go beyond the analogue electronics studied in Year 9 and focuses on a range of activities associated with the use of digital electronic components including programmable integrated circuits.

Students will develop skills in design, fabrication, soldering, wiring, and assembly. Production work includes developing various robotic devices that students learn to program using Arduino technology. The Arduino projects enable students to control and direct models that include mechanisms such as electric motors, gears, and two- way switches. The major project is a controlled robotic vehicle programmed by students on their own computer.

Subject Length:

1 Semester

8 periods per fortnight

Areas of Study:

- Digital Electronics and Logic Gates
- Circuit Construction and Soldering
- Arduino Programming

Assessment:

- Breadboard construction of logic gates
- Soldering and association electrical fabrication
- Arduino programming

Pathways:

Studies in this area could lead to:

- VCE Unit 1 & 2 Systems Engineering
- VCE Product Design & Development
- TAFE and university level design and electronic engineering courses.
- Apprenticeships

Subject Specific Information:

There is a course charge for this subject to cover the electrical components.

Food by Design.

This subject focuses on investigating, designing, producing, and evaluating foods that reflect both Australian and international cuisines. Students will develop an understanding of the diverse influences on food choices, including food origins, cultural practices, and behaviours. They will follow the design process to create, adapt, and prepare innovative dishes in response to a variety of design briefs. The unit combines theoretical and practical lessons to help students build their food knowledge and skills.

Students will apply safe hygiene practices in the kitchen and use specialised equipment to prepare and produce their dishes. They also investigate food science principles, explore complex processes and key reactions in food, and develop their food literacy. The design process will be applied throughout, supporting the production, analysis, and evaluation of food products.

Subject Length:

1 Semester

8 periods per fortnight

Areas of Study:

- Food Science
- Global Cuisines
- Food Trucks and Food Businesses

Assessment:

- Course work
- Food culture research project
- Food Truck Design Task

Pathways:

Studies in this area could lead to:

- VCE Food Studies
- VET Hospitality

Subject Specific Information:

There is a course charge for this subject to cover the ingredients required.

Food off the Grid.

In this food subject, students investigate sustainability by examining core principles: social impacts, food miles, environmental impact, health and food waste. They apply design thinking to create a commercial, and sustainable product. They investigate seasonality, developing a fruit and vegetable chart with ingredient, nutritional and growing information. This unit will focus on how society can establish sustainable small-scale food systems to promote food sovereignty using alternative technologies, and draw from a range of different technology contexts. Students use an inquiry approach to select an area of interest and research how future food issues could be addressed.

This course incorporates both theoretical and practical lessons to allow students to build their food knowledge and skill. Students will apply safe hygiene practices in the kitchen and use specialised kitchen equipment for the preparation and production of dishes.

Subject Length:

1 Semester

4 periods per fortnight

Areas of Study:

- Alternative Food Systems
- Minimising Food Carbon Footprints
- Preservation Techniques

Assessment:

- Course work
- Practical Cooking Assessments
- Group work tasks

.

Pathways:

Studies in this area could lead to:

- VCE Food Studies
- VET Hospitality

Subject Specific Information:

There is a course charge for this subject to cover the ingredients required.

Patisserie.

In this subject, students learn the art of baking and pastry-making, developing practical skills to create a variety of sweet and savoury products. They explore key ingredients and processes in food production, analyse design briefs, and apply creative solutions to food-related scenarios. The subject also deepens students' understanding of food allergies, intolerances, and how to safely cater to different dietary needs. Students will design a business and website while preparing a high tea dining experience, combining creativity with real-world applications. Numeracy is reinforced through regular measuring, weighing, and budgeting. Practical sessions focus on kitchen hygiene, safety, and the science behind food properties and reactions. This subject offers a hands-on, engaging environment where students strengthen their independence, organisation, and confidence in the kitchen.

Subject Length:

1 Semester

8 periods per fortnight

Areas of Study:

- Pastry making
- Product design
- Allergens and intolerances
- Food safety
- Food science

Assessment:

- Designing for dietary needs
- High Tea business design

Pathways:

Studies in this area could lead to:

- VCE Food Studies
- Year 11 Commercial cookery
- Part-time employment in the hospitality industry,

Subject Specific Information:

There is a course charge for this subject to cover the ingredients required.

Product Design - Fashion.

In this subject, students explore the significance of fashion and textiles in society, focusing on cultural, historical, and economic influences. They are introduced to key fashion terminology, such as silhouette, fabric grain, seam allowance, and embellishment, and investigate various fabric types, including natural and synthetic fibres. Fabric properties like texture, drape, and stretch are examined, along with sourcing, manufacturing, and sustainable options. Students learn the basic principles of fashion design, including colour theory, proportion, balance, and harmony. Through traditional and digital fashion illustration, they apply these principles to their own creative projects. Garment construction skills are developed through pattern drafting, cutting, sewing, and finishing, supported by hands-on demonstrations. Projects progress from simple items like tote bags to more complex garments, such as skirts or dresses. Students compile a fashion portfolio showcasing their design concepts, finished garments, and textile experiments.

Subject Length:

1 Semester

8 periods per fortnight

Areas of Study:

- Garment Production
- Folio Development

Assessment:

- Portfolio
- Practical production of product

Pathways:

Studies in this area could lead to:

- VCE Product Design and Technology: Fibres

Subject Specific Information:

Students will be required to purchase their own fabric for their chosen product.

There is a course charge for this subject to cover the cost of additional materials.

Product Design - Metal.

In this subject, students develop skills and knowledge related to working with metals to design and produce a range of items. They plan and create their own projects, with a strong focus on workshop safety, effective procedures, production techniques, and evaluation. Students work with materials such as brass, copper, nickel silver, and pewter, exploring techniques including saw cutting, saw-piercing, silver soldering, metal forming, heat colouring titanium, torch-fired enamelling, wax carving, and sandcasting. The major project involves designing and making a handmade container with a lid, using techniques of their choice. Students are also introduced to wax carving and cast their own pewter piece based on an individual design.

Subject Length:

1 Semester

8 periods per fortnight

Areas of Study:

- Investigation
- Design
- Production
- Evaluation

Assessment:

- Design Folio
- Practical production of designed item
- Product evaluation

Pathways:

Studies in this area could lead to:

- VCE Product Design and Technologies

Subject Specific Information:

There is a course charge for this subject to cover the materials required.

Product Design - Wood.

In this subject, students are required to produce a design folio and a completed woodwork project that demonstrate their ability to analyse, design, plan, and carry out a task from concept to completion. They develop skills in using a variety of tools, machines, and processes to manufacture their projects, with a focus on accuracy and craftsmanship.

All students complete a compulsory component that builds specific skills in advanced joint construction, which they apply to produce a detailed technical drawing and final product. Workshop safety and adherence to Occupational Health and Safety requirements are essential elements of this subject, ensuring students work safely and responsibly throughout the design and construction process.

Subject Length:

1 Semester

8 periods per fortnight

Areas of Study:

- Investigation
- Design
- Production
- Evaluation

Assessment:

- Design Folio
- Practical production of designed item
- Product evaluation

Pathways:

Studies in this area could lead to:

- VCE Units Product Design: Wood
- Trades/TAFE

Subject Specific Information:

There is a course charge for this subject to cover the materials required

Software Development.

This subject introduces students to the fundamentals of software development, including programming languages, algorithms, data structures, and software development methodologies. The importance of software development in various industries and applications, from web and mobile apps to enterprise software and game development is discussed. Students are taught the basics of programming languages such as Python, JavaScript, or Java, focusing on concepts like variables, data types, operators, and control structures. This is reinforced with coding exercises and projects to reinforce learning and build problem-solving skills. There is an emphasis on the importance of writing clean, readable, and maintainable code, as well as debugging and troubleshooting techniques. Students are engaged in project-based learning experiences that simulate real-world software development scenarios. The students are required to work in teams to plan, design, implement, test, and deploy software solutions. This subject allows students to choose their project topics and provides a comprehensive and engaging learning experience that equips students with the skills, knowledge, and mindset to succeed in software development.

Subject Length:

1 Semester

8 periods per fortnight

Areas of Study:

- Programming Folio
- Algorithms / Problem Solving
- Project Management

Assessment:

- Programming folio
- Algorithms folio
- Passion Project
- Semester examination

Pathways:

Studies in this area could lead to:

- VCE Applied Computing

Subject Specific Information:

Python, a free program, will be installed on all student laptops in the first session.

Curriculum Support.

Curriculum Support Programs in Years 7–10 are designed to provide targeted assistance for students who require additional support to access and engage successfully with the secondary curriculum. These programs recognise that students have a range of diverse learning needs, experiences, and levels of readiness, and that some students benefit from explicit teaching, scaffolded learning opportunities, and personalised support to achieve their potential across their course load.

The rationale for Curriculum Support Programs is grounded in the commitment to equitable access to education. By providing targeted intervention and differentiated learning opportunities, these programs help students develop the literacy, numeracy, organisational, and learning skills necessary for success across all subject areas. They also support students to build confidence, resilience, independence, and a positive sense of achievement within the classroom environment.

Through smaller class sizes, individualised learning goals, and explicit instruction, Curriculum Support Programs enable students to strengthen foundational skills while remaining connected to the broader curriculum. This approach ensures that students are better equipped to participate meaningfully in their learning, experience academic growth, and develop the skills needed for future educational pathways.

Ultimately, Curriculum Support Programs aim to remove barriers to learning, promote student wellbeing and engagement, and create opportunities for every student to experience success throughout their secondary education.

Elevate: Curriculum Support.

Elevate is an invitation-only support program for students who would benefit from assistance and skills development across a number of academic and subject areas.

The Elevate program runs as a 4-period elective subject: 2 periods will be allocated to support students with the Year 10 English curriculum and general literacy skills; 1 period is allocated to Year 10 Humanities support and 1 period for Science support. When students are not studying their Humanities or Science elective, they will complete work and seek support for their other subjects. Some periods may be allocated for non-curriculum support, such as Careers and Pathways sessions, organising work experience, VCE applications, etc.

Elevate provides targeted support at each student's point of need, as well as extra time to complete tasks for other subjects. Students also have the opportunity to build their executive function – e.g. organisation skills, task initiation, prioritisation.

Subject Length
1 year

4 periods per fortnight

Areas of Study
- Support across a range of Year 10 subject areas

Assessment:

- This subject is designed to support learning across the curriculum, there are no additional assessments.

Pathways:

Studies in Elevate Curriculum Support will help students to prepare for VCE or VCE VM.

Eltham High School

Further Information.

For further information regarding the Year 10 curriculum and course selection process please contact:

Orianne Megaloudis

Senior School Sub School Leader

Orianne.megaloudis@education.vic.gov.au

Phone:
T (03) 9430 5111
F (03) 9431 0448

Email:
eltham.hs@education.vic.gov.au

Website:
www.elthamhs.vic.edu.au