



UPPER YARRA
SECONDARY COLLEGE



YEARS 9 - 10
CURRICULUM

2024



Supporting Parents and Students 2023



UPPER YARRA
SECONDARY COLLEGE

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Meetings can also be arranged with Staff. Please ensure you call the College beforehand, to arrange a time when they are available.

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	<ul style="list-style-type: none">ELECTIVES Years 9 and 10 From Horror to Romance (and everything in between)			<ul style="list-style-type: none">ELECTIVES Years 9 and 10 Law and SocietyWar and RevolutionOceans of the WorldMyths and LegendsHow to be a Boss! (One semester each)	<ul style="list-style-type: none">ELECTIVES Years 9 and 10 ZoologyForensic ScienceEco-lution (One semester each)		<ul style="list-style-type: none">ELECTIVES Years 9 and 10 Outdoor EducationLeadershipCoachingExercise and Sport ScienceDuke of Edinburgh Award (One semester each)	
VCE UNITS 1 & 2 UNITS 3 & 4	English Literature Language (Units 1 & 2)	Foundation Maths General Mathematics Mathematical Methods Specialist Mathematics	Art Creative Practice (Photography) Art Making and Exhibiting (Studio Arts) Media Drama Visual Communication Design (Units 1 & 2)	Legal Studies History Business Management Politics (Units 1 & 2) Geography	Biology Chemistry Physics Psychology		Product Design and Technology Food Studies	Health and Human Development Physical Education Outdoor and Environmental Education
VCE VM YR 11	VM Literacy (Units 1 & 2)	General Mathematics (Units 1 & 2) VM Numeracy (Units 1 & 2)	VM Work-related Skills (Units 1 & 2)	VM Personal Development Skills (Units 1 & 2)	Structured Workplace Learning (SWPL)	VET: Aviation (Remote Pilot - Visual Line of Sight)	Product Design and Technology (Units 1 & 2)	
VCE VM YR 12	VM Literacy (Units 3 & 4)	VM Numeracy (Units 3 & 4) General Mathematics (Units 3 & 4)	VM Work-related Skills (Units 3 & 4)	VM Personal Development Skills (Units 3 & 4)	Structured Workplace Learning (SWPL)	Wine Operations Furniture - Making Kitchen Operations	Product Design and Technology (Units 3 & 4)	



Years 9 & 10

Years 9 and 10 Subjects 2024

Students complete the following core subjects throughout the year:

Year 9 Core Subjects

English
Mathematics
Humanities (History, Geography, Business)
Science
Health and Physical Education

Semester-length

Electives (*see below*)

Year 10 Core Subjects

English
Mathematics
Humanities (History, Geography, Law, Careers)

Semester-length

Science
Health and Physical Education
Electives (*see below*)

Years 9 and 10 Electives 2024

Students complete eight of the following semester-length subjects over two years. *Subjects run based on student interest.*

ENGLISH

- From Horror to Romance

LANGUAGES (*year-long*)

- Japanese

SCIENCE

- Zoology
- Forensic Science
- Eco-lution

STEAM

- Full STEAM Ahead!

DESIGN AND TECHNOLOGY

- Woodwork
- Let's Bake
- Café Cuisine

HUMANITIES

- Law and Society
- War and Revolution
- Oceans of the World
- Myths and Legends
- How to be a Boss!

VET (*year-long*)

- Wine Industry Operations II
- Cookery II
- Aviation (RPL) III

THE ARTS

- Media
- Art
- Photography
- Music
- Drama
- Visual Communication Design
- 3D Art

HEALTH AND PE

- Leadership
- Outdoor Education
- Coaching
- Exercise and Sport Science
- Duke of Edinburgh Award



English

English Year 9

At Year 9, students continue to focus on their reading and writing skills. They analyse and explain how images, vocabulary choices and language features distinguish the work of individual authors.

They effectively apply comprehension strategies during their class and independent reading practice and are aware of their thinking and reception of meaning as they read.

Year 9 students evaluate and integrate ideas and information from texts to form their own interpretations.

They select evidence from the text to analyse and explain how language choices and conventions are used to influence an audience. They listen for ways texts position an audience and continue to be critical readers.

Students create texts for different purposes, demonstrating how manipulating language features and images can create innovative writing pieces.

Students write texts that respond to issues, interpreting and integrating ideas from other texts.

They make presentations and contribute actively to class and group discussions, comparing and evaluating responses to ideas and issues.

They edit for effect, selecting vocabulary and grammar that contribute to the precision and persuasiveness of texts and use accurate spelling and punctuation.

English Year 10

English at Year 10 includes comprehension skills - literal, inferential and evaluative comprehension via developing critical responses, comparing texts relating to similar themes, language analysis, identifying purpose, examining format for meaning.

Students concentrate on character analysis including the motives of characters, analysis of plot and storyline and explaining techniques used to make texts engaging and effective and linking global issues represented in texts.

Students learn to think critically about media texts, analysing the language strategies used to position the reader. They also practise using language persuasively, to present arguments and evidence.

In addition, students learn writing techniques and formats, including use of genre and effective use of language, sentence structure, grammar, punctuation and syntax.

Students also study speaking and listening, utilising persuasive techniques used by speakers to influence and engage an audience.

A weekly after-school English Class provides students with the opportunity to get additional help in English.
A different teacher is rostered each week to assist students with their school work.

A weekly after-school Mathematics Class provides students with the opportunity to get additional help in Mathematics.

A different teacher is rostered each week to assist students.

THE AUSTRALIAN MATHEMATICS COMPETITION

is held each year and our high achievers are invited to partake in the event. The competition attracts approximately half a million students competing from over 30 countries. It takes place at the beginning of August.

Mathematics

Mathematics Year 9

Year 9 Mathematics continues to develop students' knowledge of the key areas of mathematics.

Students set goals to complete an individualised program, working through tasks specific to their current level of understanding.

Students expand their knowledge of Probability and Statistics, Measurement and Trigonometry, Linear Equations and Graphs, Number and Finance.

Students learn by utilising a combination of online questions, worksheets, interactive games and tasks.

End of term projects give students an opportunity to apply mathematical concepts in a more hands-on, investigative, real-life approach.

Mathematics Year 10

Semester One

The first semester of Year 10 Mathematics follows the same structure as Year 9 Mathematics.

Students continue to work through individualised programs to develop their knowledge and ability. Individual goal-setting and task selection helps students to develop independence and responsibility in their learning, whilst remaining focused on the overall outcomes of each learning unit.

Semester Two

During Semester Two students continue to make decisions around their study of Mathematics.

Those students considering selecting Unit 1 and 2 Mathematical Methods in VCE will be able to choose to complete a pre-Methods course during their Year 10 Mathematics classes. Students will study Quadratic Expressions and Graphs and Trigonometric Functions to assist them in their preparation for Mathematical Methods in the following year.

Students who will not be studying Mathematical Methods in VCE will continue to develop their knowledge in preparation for the study of General Mathematics as well as Numeracy In The Real World, including Finance, Probability and Trigonometry and Pythagoras' Theorem.

Students are encouraged to purchase the Casio ClassPad Calculator, the calculator required for VCE Mathematics studies (except for Foundation Maths) to ensure that they have a familiarity with this new technology prior to undertaking their mathematics studies in VCE.





Science

Science Year 9

The Science curriculum provides opportunities for students to develop an understanding of important scientific concepts and processes, the practices used to develop scientific knowledge, the contribution of science to our culture and society, and its applications in our lives. The curriculum supports students to develop the scientific knowledge, understandings and skills to make informed decisions about local, national and global issues and to participate, if they so wish, in science-related careers.

Year 9 students study:

Semester One

Biology: An animal's response to a stimulus is coordinated by its central nervous system (brain and spinal cord); neurons transmit electrical impulses and are connected by synapses.

Multicellular organisms rely on coordinated and interdependent internal systems to respond to changes to their environment.

Chemistry: All matter is made of atoms which are composed of protons, neutrons and electrons natural radioactivity arises from the decay of nuclei in atoms.

Physics: Electric circuits can be designed for diverse purposes using different components; the operation of circuits can be explained by the concepts of voltage and current.

Semester Two

Physics: Energy transfer through different mediums can be explained using wave and particle models.

Biology: Ecosystems consist of communities of interdependent organisms and abiotic components of the environment matter and energy flow through these systems.

Chemistry: Chemical reactions, including combustion and the reactions of acids, are important in both non-living and living systems and involve energy transfer.

Different types of chemical reactions are used to produce a range of products and can occur at different rates.

Earth and Space: Global systems, including the carbon cycle, rely on interactions involving the atmosphere, biosphere, hydrosphere and lithosphere.

The theory of plate tectonics explains global patterns of geological activity and continental movement.

Science Year 10

Science at Year 10 is a semester-long *compulsory* unit. Year 10 students study:

Chemistry: The atomic structure and properties of elements are used to organise them in the periodic table.

Different types of chemical reactions are used to produce a range of products and can occur at different rates; chemical reactions may be represented by balanced chemical equations.

Chemical reactions, including combustion and the reactions of acids, are important in both non-living and living systems and involve energy transfer.

Biology: The transmission of heritable characteristics from one generation to the next involves DNA and genes.

The theory of evolution by natural selection explains the diversity of living things and is supported by a range of scientific evidence.

Physics: The explanation of the motion of objects involves the interaction of forces and the exchange of energy and can be described and predicted using the laws of physics.

Science is a dynamic, collaborative and creative human endeavour arising from our desire to make sense of our world by exploring the unknown, investigating universal mysteries, making predictions and solving problems



Humanities Year 9

The Humanities involve the study of human societies and environments, people and their cultures in the past and the present. The Humanities encourage the use of research skills and inquiry processes.

History

Year 9 students learn about key events from the period 1750 to 1918. Students learn about the Industrial Revolution and its impact on society, students then learn about the development of Australian society and the background, impact and legacy of World War I.

Students develop an understanding of these topics through the creation of time-lines, exploration of source materials and comparison of experiences from those times with those of today, identifying similarities and differences.

Students use an inquiry approach in their learning, developing both literacy and research skills.

Geography

Students explore the role of tourism in sharing global cultures. They investigate the benefits and problems of tourism both locally and globally.

They explore the different biomes across the world, their alteration and significance as a source of food and fibre and the environmental challenges and constraints on expanding food production in the future.

Students develop an example of a tourism website about their chosen location and develop their geospatial and literacy skills.

Business

Year 9 students explore personal financial literacy, understanding the benefits and risks. They explore the nature of the business world, identifying and understanding the purpose of a social enterprise and how it uses the resources in the world.

Humanities Year 10

History

Year 10 students explore the interwar years and the rise of fascism in Nazi Germany and Japan. Students learn about significant events that occurred during World War 2 in Europe and Asia and at home in Australia. Students continue to develop their ability to use sources and infer meaning from propaganda and other media sources. They investigate the different experiences of men, women and children during wartime. Students use an inquiry approach in their learning, developing both literacy and research skills.

Geography

Students explore the interaction between natural and human environments and the consequences. They explore the different methods of environmental management and their implications. They investigate a topic of wellbeing, exploring how geographic circumstances have impacted the wellbeing of individuals in those areas. Students develop a presentation to propose a method to improve the wellbeing of people living in the region.

Law

Students explore the basics of criminal and civil law. They investigate the way the law applies in practice. Students evaluate the purpose of different punishments as a result of a crime and develop skills in arguing for or against the various penalties in case studies.

Careers

The focus of Careers is to assist students to make the transition from school to the workplace or further study.

Students undertake a course in Occupational Health and Safety, experience the Mock Interview process, attend Career Expos and higher educational Open Days, and prepare for their Senior School selections including VCE, VCE VM, and VET.



Health and Physical Education

Year 9s are timetabled three lessons per weekly cycle (three theory, three practical per fortnight)

Physical Education

In Year 9 the focus is on students becoming active participants in Physical Education. The activities covered are abstract sports that students may not have been introduced to.

Students participate in:

- Athletics
- Challenge and strategy games
- Traditional sports
- Skipping

Health

Semester One

Students also expand their understanding of character strengths and resilience within the Rubicon program.

- Respectful Relationships
- Rubicon/First Aid

Semester Two

Students investigate road safety and have the opportunity to attend the Road to Zero exhibit at the Melbourne Museum.

- Road Safety
- Contraception/STIs

Health and Physical Education

Year 10s are timetabled four lessons per weekly cycle (two theory, two practical)

Health and PE at Year 10 is a semester-long compulsory unit.

Health

Term One and Three

- Dimensions of health and wellbeing
- Lifelong physical activities
- Physical activity trends in Australia

Physical Education

Term Two and Four

- Healthy communities





Years 9 & 10

Years 9 and 10 Electives 2024

Subjects run, based on student interest.

ENGLISH

- From Horror to Romance

LANGUAGES *(year-long)*

- Japanese

SCIENCE

- Zoology
- Forensic Science
- Eco-lution

HEALTH AND PE

- Leadership
- Outdoor Education
- Coaching
- Exercise and Sport Science
- Duke of Edinburgh Award

STEAM

- Full STEAM Ahead

HUMANITIES

- Law and Society
- War and Revolution
- Oceans of the World
- Myths and Legends
- How to be a Boss!

DESIGN AND TECHNOLOGY

- Woodwork
- Let's Bake!
- Café Cuisine

THE ARTS

- Media
- Art
- Photography
- Music
- Drama
- Visual Communication Design
- 3D Art

VET *(year-long)*

- Wine Industry Operations II
- Cookery II
- Aviation (RPL) III

electives

English Elective

From Horror to Romance (and everything in between)

In this elective you will explore and create literature that excites and inspires you.

You will be immersed in a range of literary genres- from the suspense of Gothic Horror to the different universes of Fantasy.

You will enter the twisted worlds that Crime Fiction has to offer and experience the greatest love stories the world has ever seen!

After the exploration of novels, plays, films and songs that span these genres, you will create your own texts. Will you write the next best seller?!



Languages Elective

Japanese

Students are introduced to topics such as celebrations in Japan, childhood milestones, cultural diversity and popular fast foods.

Students begin learning the Katakana script, and use it to learn words for hobbies and nationalities.

Students develop their understanding of verbs and adjectives to produce more complex written and spoken language.

They also read and view a variety of authentic texts to strengthen their language abilities and cultural awareness.

Students will practise using Japanese in activities and role-plays, and become more confident in understanding spoken Japanese while showing awareness of culturally appropriate gestures and body language.



Design and Technology

Woodwork

Woodwork provides students with opportunities to engage in a diverse range of creative and practical experiences using a variety of technologies commonly used in industrial and domestic settings.

The practical ability of each student will improve as they safely gain confidence in the use of tools and equipment in the workshop environment.

Students focus on the product design process to develop products that meet specific needs and address a number of design factors. Factors such as function, aesthetics, material properties and characteristics, as well as sustainability, will be a main focus.

This elective will give students a broad range of skills from investigating design problems, generating solutions, planning and managing workshop activities, through to evaluating the effectiveness of designed solutions.

Students who undertake this elective will be well prepared for VCE Product Design and Technology.





Design and Technology Electives (Food)

Café Cuisine

Interested in working in hospitality or just making and enjoying foods that you would find in a café?

Café cuisine has both a practical and theory component, which will enable you to develop a wide range of knowledge and skills in contemporary food preparation.

It will have a focus on popular sweet and savoury foods currently served in cafés, featuring foods from cuisines around the world.

You will develop practical skills in safely preparing and presenting food, selection and use of appropriate ingredients, cooking methods and equipment, while focusing on the design process.

This elective is a great option for those who might want to pursue further studies in VCE Food Studies and/or VET Hospitality.



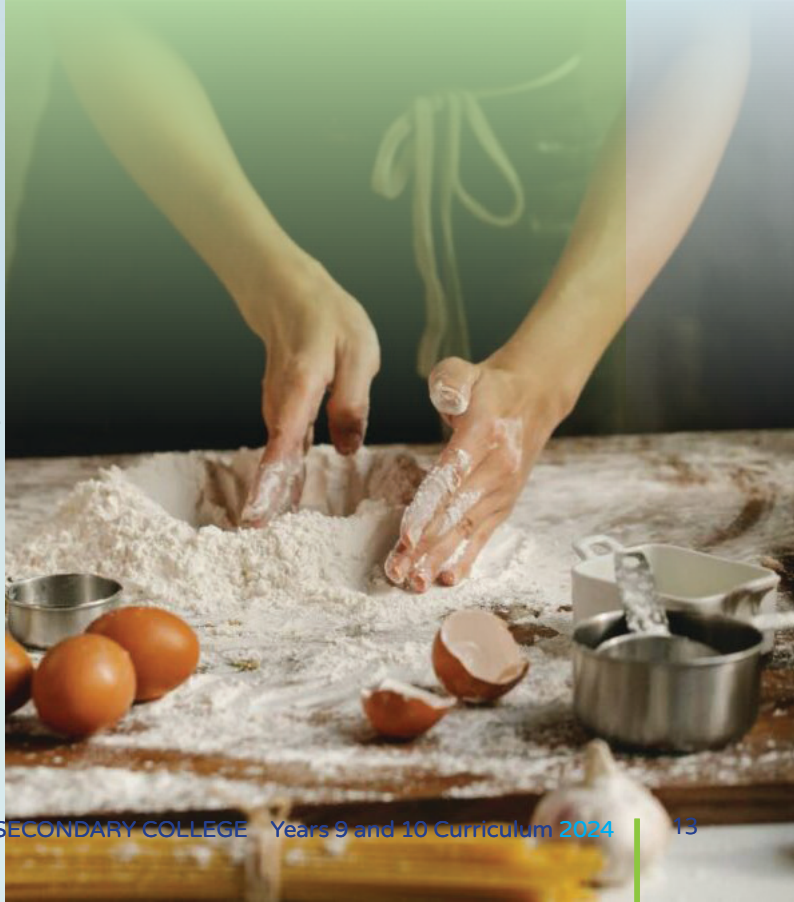
Let's Bake!

Let's Bake! will focus on baking a variety of sweet and savoury food products. This elective is mainly practical, with a small amount of theory to support practical learning.

You will develop skills in a variety of baking techniques, from baking bread, pastries, cakes, slices and biscuits to savoury food products including pies and quiches.

This elective aims to improve practical skills and you will have the opportunity to follow the design process to create recipes of your choice.

Let's Bake! will provide you with the opportunity to be creative and build on existing food preparation and presentation skills.





electives

Design and Technology

Full STEAM Ahead!

In this elective, students explore the design process and how to use technology to develop solutions and shape our world. Saving lives depends on you! You learn how to design and use technology and prototype products to solve real world problems, including staging a remote rescue.

You will conduct research, develop a design brief and create products to aid in the rescue of an injured and isolated group.

From planning a safe extraction, building prototype equipment to suit the terrain and obstacles, writing code to direct the rescue team and more; it is Full STEAM Ahead with all that technology allows.



Science Electives

Zoology Year 9

The Year 9 Zoology elective is for those students interested in the study of animals. They look at famous zoologists such as Jane Goodall (chimpanzees), Dian Fossey (mountain gorillas), David Attenborough and Steve Irwin and the impact they have on the world.

Students study microscopic organisms comparing bacteria and fungus. Students grow samples of each and compare their results. Tests are done on different antiseptics to check if they actually kill bacteria or just provide a nice smell.

While studying the adaptations in animals, students compare the beaks and bills of different birds and how the shape of their beaks is determined by the type of food they eat and where they hunt.

They also look at innate and learned behaviours in animals that help them to survive. Students have the opportunity to raise a chicken to study imprinting techniques.

While looking at Endangered Species, students travel to Healesville sanctuary to study the Leadbeater's Possum and the Oranged Bellied parrot and design nesting boxes to help them survive.

A special study is made of wetland ecosystems and the organisms that rely on them. This includes an excursion to Healesville Sanctuary to study the Grey Brolga, Long Necked Turtle, Water rat and Spotted Tree Frog.





Science Electives

Zoology Year 10

Students study animals introduced into Australia such as the cane toad, camel and rabbit. They learn about the devastating impact these animals can have and what Australia can do to lessen the threat.

An in depth study is made of the Queensland Fruit Fly and the effect it can have in the Yarra Valley. This includes an excursion to the Biosecurity Department at Box Hill Institute.

Students conduct transects and quadrats in the wild to learn how scientists count the number of species in an area.

A special study is made of wetland ecosystems and the organisms that rely on them. This includes an excursion to Healesville Sanctuary to study the Grey Brolga, Long Necked Turtle, Water rat and Spotted Tree Frog.



Forensic Science

Forensic Science is the application of the scientific skills, procedures and processes needed to gather and present evidence in court.

Students develop their understanding of various scientific disciplines such as pathology, entomology, toxicology, anthropology, Document Analysis and DNA profiling and develop their skills in the use of these forensic techniques.

They will be challenged to consider the ways in which relying on eyewitness testimony is unreliable, by developing their understanding of human memory and the ways in which it can be influenced.

They will learn to formulate conclusions based on available evidence and critically analyse the validity of both the conclusions and the forensic testing used to reach them.



Eco-lution

Join us on a journey learning 'Environmental' skills!

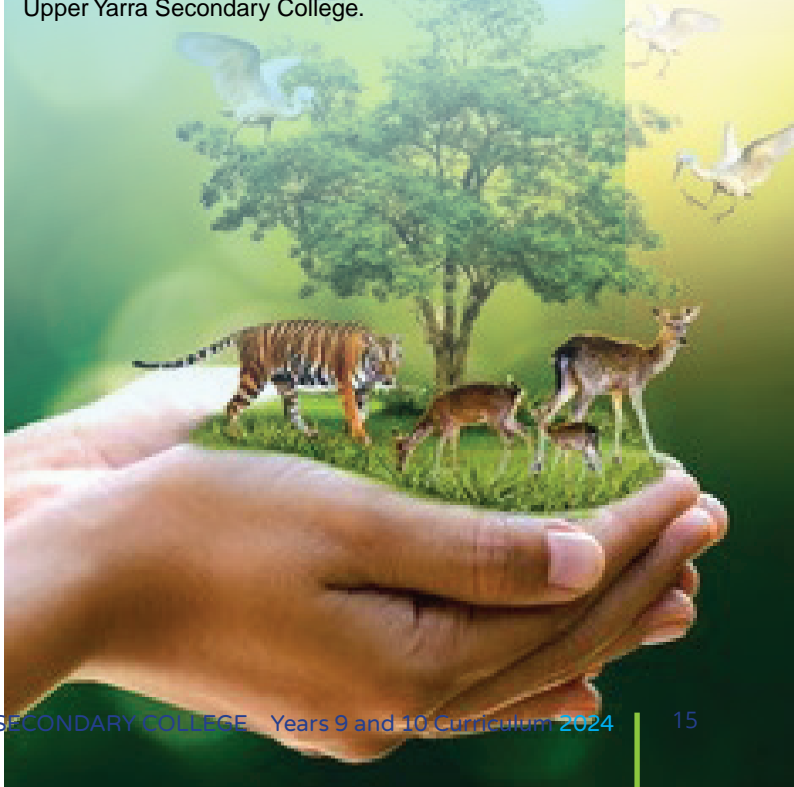
Get involved in nurturing our Earth systems:

- product testing for sustainability
- bush tucker taste testing and cooking
- ecological surveys including spotlighting
- animal identification using traces left behind.
- create an eco-column
- soil and water testing
- community habitat and tree planting

Develop, plan and collaborate on a project related to the local environment based on your ecological surveys.

Cool technology such as remote sensors, weather stations and drones will be used to demonstrate how STEAM plays a role in managing our environment.

Students become environmental consultants and will develop, plan and collaborate a sustainable project at Upper Yarra Secondary College.





Health and Physical Education Electives

Leadership

Leadership is entirely student-focused and student-driven.

Students are responsible for all direction of the program and decision-making regarding their roles, partnerships, assessment, and reporting procedures.

It is specifically designed to encourage students to be responsible for the direction and growth of their learning and is based around the Advance Program (Dept. Human Services Victoria).

Coaching

Students will explore the skills needed to become a coach, practising and evaluating different coaching styles. They will learn about umpiring and the rules of different sports.

They will be given the opportunity to participate in a variety of team sports, learning strategies and tactics designed to improve students' skills and ability levels with a focus on coaching.

Exercise and Sport Science

Exercise and sports science focuses on the integration of exercise and physical activity into sports performance, injury prevention and rehabilitation.

Students explore the human body systems and strengthen their understanding of how the musculoskeletal and cardiorespiratory systems work together to improve sporting performance.





electives

Health and Physical Education Electives

Duke of Edinburgh Award

Are you looking to further your leadership skills and gain valuable experience? Start your award today!

The Duke of Edinburgh International Award - Australia is an internationally recognised program for young people.

As an Award participant you will have the chance to:

- Design your own Award program
- Set your own goals and record your progress
- Make a positive impact on the lives of others through community service
- Learn valuable practical and social skills for career development
- Take up the challenge of an adventurous journey
- Connect with other Award participants at home and abroad

You can continue with activities you're already taking part in, such as sports, or volunteering, and count these towards achieving your Award, or your Award could be an opportunity to try something new and develop a passion for something different.

There are no limits to what you can achieve!

Participation in The Duke of Edinburgh Award is widely recognised by employers and universities.

Outdoor Education

Year 9

Students take part in classroom team-building and leadership activities. They explore sustainability, minimal impact strategies, risk-taking and safety in the outdoors and participate in rock climbing, hiking, high ropes and navigation.

Year 10

This elective offers students an opportunity to develop their awareness of the outdoor environment and how we use it:

- Teamwork and leadership skills
- Problem-solving skills and resilience
- Camping and recreational skills
- Independent skills

Students develop their knowledge in the classroom and gain a deeper understanding through expeditions and outdoor experiences. These experiences may include activities such as bush walking, navigation, surfing and canoeing.





Humanities Electives

Law and Society

Students will be given an in-depth introduction to the workings of Australia's political and legal system.

They will develop an understanding of the variety of laws that exist and assess the differences between them. They will learn how a courtroom functions and the roles of different people within the legal system.

Students will be asked to explore why and how the law changes to reflect changing society values and technological changes. As well as evaluate the problems that exist within the legal system.

They will be given the opportunity to investigate how the political system operates in Australia and have the choice of exploring this in greater detail or comparing it to another system of government.

Finally, students will develop an understanding of the concept and foundation of Human Rights. They will explore how this protects individuals within society and how it has been violated in the past, and changes that have been made to society to remove these violations.



War and Revolution

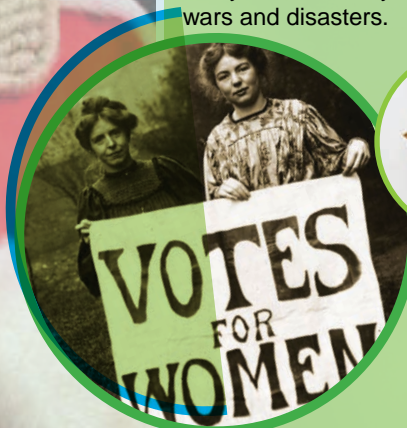
Students will be introduced to key turning points in History from 1500 to the present day. They look at key wars and political and social revolutions that have changed the world. War and Revolution is designed to give students the opportunity to repeat the elective in Year 9 and 10, with alternating programs each year helping students develop and consolidate their historical skills whilst expanding their knowledge.

Students alternate between investigating the Russian Revolution of 1917 in even years and the French Revolution of 1789 in odd years. The French Revolution brought Napoleon to power, but introduced democratic rights alongside the guillotine. The Russian Revolution brought Lenin to power and started a global communist movement, that led to a bloody civil war.

Each year students also investigate a social revolution that has brought about change for a group of people. They switch between the issue of Women's suffrage to gain women the right to vote and the abolition of slavery in the United States that sent the US into a violent civil war that became the USA's most deadly conflict.

As a class, students will decide upon a modern-day conflict to study together, past examples have included the Cuban Missile Crisis, the Vietnam War, the Arab-Israeli Conflict, the Rwandan Genocide and the break-up of the Former Yugoslavia.

Finally, students have the opportunity to complete an individual inquiry project that will see them create a museum display on a topic of their choice spanning 500 years of history – from explorers to inventors, to wars and disasters.





Humanities Electives

Myths and Legends

In Myths and Legends, students will explore creation myths from Ancient Civilisations, the myths of Camelot and King Arthur, and the stories of the Witch Trials.

You will analyse the different representations of these myths, from movies and images to written texts, and use these stories to inspire your own creation myth.

You will compare films to historical events, conduct research into some of the oldest mythologies in the world, and strengthen your ability to analyse connections between mythological stories and significant historical events.



Oceans of the World

About 70 percent of the Earth's surface is covered by water. Nearly 97 percent of that water is the saltwater swirling around in the world's oceans.

Oceans of the World is an exciting elective that looks at everything in ocean environments.

You will investigate weather patterns, and the rise in sea levels, focusing on melting glaciers and ice sheets.

You will learn about ocean ecosystems, marine animals and the coral reefs of the world and how climate change and pollution are impacting marine life.

You will study the sea floor and look at geological oceanography specifically focusing on volcanoes, earthquakes and tsunamis.

This elective includes an excursion to a coastal park and the Melbourne Aquarium.



How to be a Boss

Investigate how businesses and individuals manage their money, and make decisions to increase their wealth in a globalised world.

Learn how to create marketing campaigns, organise projects and people, and think critically to find business solutions to problems in society.

Develop practical skills such as leadership, strategy, decision-making, collaboration and negotiation.

At the end of this subject, students will be better placed, now and in their adult lives to participate in economic and business activities actively and effectively, make informed consumer choices and contribute to the creation of a prosperous, sustainable and equitable Australian and global economy.





The creative skills of the designer offer informative and promotional materials to the general public, mass media, the internet, film and television, advertising, publishing, industry and commerce.

electives

The Arts Electives

Visual Communication Design

This elective explores the connection between image, typography and visual language.

Students learn how to draw from observation as well as how to use a range of technical drawing skills and equipment. There is an emphasis on solving real world design problems.

Students use a range of tradition and digital art making methods to create pieces of visual communication that meet specific briefs across three design areas:

Communication Design

- Game Characters
- Landscapes
- Posters
- Graphic Novels
- Comic Books
- Book Illustrations
- Magazine Layouts
- Web Design

Industrial Design

- Household Items
- Furniture
- Cars
- Clothing
- Sporting Equipment (e.g. skateboards and snowboards)

Environmental Design

- Houses
- Bridges
- Buses
- Trains
- Industrial
- Complexes

Programs focussed on over the semester include Photoshop, Illustrator, Sculpttris and Google SketchUp.

Media

In Media, students study and explore film, television, video, print, radio and multimedia via a series of practical exercises and selected theory topics.

Students develop an understanding of production elements and roles in production through the creation of a short film.

They participate in critical discussions about feature films, complete detailed media reviews and analyse how different media operate in different cultures.

At the completion of this elective, students will understand the role the media plays in their daily lives and have the ability to create their own high quality media products.

Music

Students are provided with opportunities to develop their music craft as an instrumentalist or vocalist.

Students will increase their knowledge of music theory and use this knowledge to improve and inform their practical skills.

Students develop their composition, improvisation and music analysis skills and work in groups and as soloists to develop extensive performance repertoires.

Photography

Students explore and learn the basic skills and processes involved in both film and digital photography.

Students are introduced to the use of 35mm and SLR film cameras and learn how to create, process and print black and white images in the school darkroom.

They explore digital photography using their phones and Digital SLRs to capture images. They learn to manipulate and enhance their images using different applications and filters.

Students are exposed to the history of photography and are required to respond to images that they see within contemporary society.

This elective allows students to work as part of a team and individually and will give them a solid grounding for VCE Art subjects.

electives

The Arts Electives

Drama

This elective involves students engaging in games and practical activities to develop knowledge and control of their emotions, physicality, and performance skills to communicate effectively.

They will use the skills developed during their studies to devise performances based on set stimulus, and use the space and objects around them to create performance.

Students maintain a drama logbook in which they undertake various literacy tasks and keep a record of the work undertaken in group work, such as devising and rehearsal.



3D Art

Students will create artworks across a range of three-dimensional forms.

They work with materials such as clay, wire, paper, plaster, wood, metal and textiles.

They explore themes, ideas and issues connected to three-dimensional artworks and learn techniques such as modelling, carving and assemblage.

Students will develop skills in manipulating materials using a range of tools, equipment and machines to make, produce or grow functional physical products or artworks.

Students will be involved in investigation, designing, producing, analysing and evaluating their own three-dimensional artworks. They will learn how to problem-solve and think critically about their own work and the work of others.

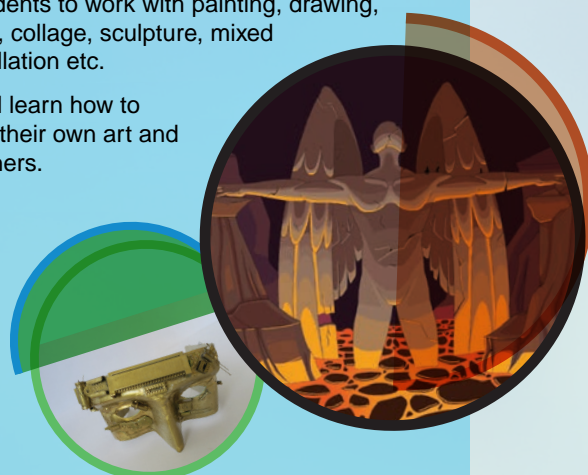
They learn about artists who work within these mediums and learn to analyse their art and working practices.

Art

Art encompasses all mediums of art and is designed to enable students to express themselves creatively through art making.

It allows students to work with painting, drawing, photography, collage, sculpture, mixed media, installation etc.

Students will learn how to analyse art, their own art and the art of others.



VET

VET

hands on courses

Vocational Education Training (VET)

VET

Vocational Education and Training refers to enhanced Senior School studies which enable a secondary student to combine their Senior School studies with vocational training. Students in Years 10 and 11 can commence a VET program from the selection of courses listed.

It is a two-year program combining general VCE/VCE VM studies with accredited vocational education and training. It enables students to complete a nationally recognised vocational qualification (e.g. Certificate II in Kitchen Operations) and a Senior School Certificate (VCE/VCE VM) at the same time.

Please note there is an additional cost associated with these programs.

Each program is described in detail in individual VET Program Flyers available from the Careers Office.

Yarra Valley VET Cluster Multiple Campuses

The Yarra Valley VET Cluster commenced in 1999, and consists of ten schools working together in cooperation to provide a large range of quality vocational education and training options to students in the Yarra Valley.

The Yarra Valley VET Cluster consists of the following schools:

- Billanook College
- Healesville High School
- Lilydale Heights College
- Lilydale High School
- Mooroolbark College
- Mount Evelyn Christian School
- Cire
- Mount Lilydale Mercy College
- Upper Yarra Secondary College
- Yarra Hills Secondary College

The majority of VET subjects occur on a Wednesday afternoon or over the whole day or half a day. Courses run with students from a number of different schools.

For most students, attendance at UYSC classes on a Wednesday morning prior to their VET course is required.

Orientation Day for all VET subjects is Wednesday 1st November 2023.

VET Courses commence on Wednesday 31st January 2024.



fast-tracking

VET/VCE Programs on practical subjects

VET Subjects

The following VET Courses are available to our students.

Certificate II Wine Industry Operations
Upper Yarra

Certificate III Aviation(Remote Pilot - Visual Line of Sight)
Upper Yarra

Certificate II Cookery#
Upper Yarra

Certificate II Furniture Making#
Ranges Tec

Certificate II AUSLAN
Ranges Tec

Certificate II Hospitality#
Mount Lilydale

Certificate II Conservation and Ecosystems Management
Lilydale Heights

Certificate III Community Services
Cire

Certiicate III Early Childhood Education and Care (Partial Completion) *Cire*

Certificate III Acting (Screen)
Lilydale High

Certificate II Animal Studies
Lilydale High

Certificate II Automotive (Mechanical)
Healesville High

Certificate II Building and Construction
Healesville

Certificate II Engineering Studies#
Mount Lilydale / Ranges Tec

Certificate II Horticulture
Ranges Tec

Certificate III Music Industry (Music Performance)
Mount Lilydale

Certificate II Electrotechnology
Ranges Tec

Additional courses are available through Box Hill TAFE e.g.
Certificate II Plumbing.

VCE Subjects (fast-tracking)

The following subjects are available:

Mathematics

- Mathematics General Units 1 & 2

Health and Physical Education

- Health and Human Development Units 1 & 2
- Outdoor and Environmental Studies Units 1 & 2
- Physical Education Units 1 & 2

Languages

- Japanese Units 1 & 2

Science

- Biology Units 1 & 2
- Chemistry Units 1 & 2
- Physics Units 1 & 2
- Psychology Units 1 & 2

Humanities

- Business Management Units 1 & 2
- History Units 1 & 2
- Legal Studies Units 1 & 2
- Geography Units 1 & 2
- Politics Units 1 & 2

The Arts

- Drama Units 1 & 2
- Media Units 1 & 2
- Art Creative Practice (Photography)# Units 1 & 2
- Art Making and Exhibiting (Studio Arts)# Units 1 & 2
- Visual Communication Design# Units 1 & 2

Design and Technology

- Food Studies Units 1 & 2
- Product Design and Technology# Units 1 & 2

VET

- Certificate II Wine Industry Operations
- Certificate III Aviation(Remote Pilot - Visual Line of Sight)

Folio

#These VET subjects have a study score and may also have an end of Year 12 external examination.

Important Note: While all listed subjects are offered by UYSC, classes may not run in due to limited student demand.



VET Electives at Upper Yarra Secondary College

Certificate II in Cookery

The Certificate II in Cookery prepares students with a range of food preparation and cookery skills to prepare food and menu items.

It is designed to introduce students to a variety of career pathways such as traineeships and apprenticeships in the hospitality industry, e.g. chef, waiter etc. Students also wishing to pursue a career in hotel and resort management or tourism would benefit from completing the certificate.

Areas of Study

UNITS 1 & 2

- Work effectively with others
- Use food preparation equipment
- Prepare dishes using basic methods of cookery
- Clean kitchen premises and equipment
- Use hygienic practices for food safety
- Maintain the quality of perishable items
- Participate in safe work practices

UNITS 3 & 4

- Prepare appetisers and salads
- Prepare stocks, sauces and soups
- Prepare vegetable, fruit, egg and farinaceous dishes
- Use cookery skills effectively
- Prepare poultry dishes

Offers
a
scored program
option.

Certificate II Wine Operations

Certificate II in Wine Industry Operations develops the knowledge and skills required by individuals working in production or production support in wine industry operations and is applicable across the full range of winery activities.

At the core level, students will learn to:

- implement food safety programs and procedures
- apply quality systems and procedures
- participate in work health and safety processes

A range of specialist electives also cover skills used in the following wine industry areas:

- process tasks in bottling and packaging, cellar operations and laboratory testing
- customer service tasks in cellar door
- tasks related to viticulture, harvesting and post-harvesting.

Areas of Study

CORE UNITS:

- Implement the food safety program and procedures
- Apply quality systems and procedures
- Participate in work health and safety processes

10 ELECTIVES:

Cellar Door

- Provide and present wine tourism information
- Use numerical applications in the workplace
- Participate in work teams and groups

Viticulture

- Hand prune vines
- Pick grapes by hand
- Recognise disorders and identify pests and diseases
- Carry out basic canopy maintenance
- Perform basic tests
- Operate the irrigation system
- Coordinate vineyard operations

This program
is suitable for
the industry skills
component of a
VM VCE course.



VET Electives at Upper Yarra Secondary College

Certificate III in Aviation (Remote Pilot - Visual Line of Sight)

The aim of the Certificate III in Aviation (Remote Pilot – Visual Line of Sight) is to develop the knowledge and skills required by individuals seeking to operate remotely piloted aircraft systems (RPAS) within visual line of sight (VLOS). Remote pilot duties include applying technical and non-technical aviation skills and knowledge within remotely piloted aircraft system operational environments.

The course is delivered through a combination of online and in-class training and assessment. There is a significant component of practical flying activity in the course.

Areas of Study

ACCREDITED UNITS 1 & 2, 3 & 4

- Manage human factors in remote pilot aircraft systems operations.
- Apply situational awareness in remote pilot aircraft systems operations.
- Navigate remote pilot aircraft systems.
- Complete a Notice to Airmen (NOTAM).
- Operate and manage remote pilot aircraft systems.
- Perform operational inspections on remote operated systems.
- Control remote pilot aircraft systems on the ground.
- Operate multi-rotor remote pilot aircraft systems.
- Launch, control and recover a remotely piloted aircraft.
- Manage remote pilot aircraft systems energy source requirements.
- Apply the principles of air law to remote pilot aircraft systems operations.
- Operate aeronautical radio.
- Perform infrastructure inspections using remote operated systems.
- Perform aerial mapping and modelling using remote pilot aircraft systems.

OFFERS
A
SCORED
PROGRAM

JOB OPPORTUNITIES

Agriculture
Civil Engineering
Construction
Emergency Services
Infrastructure
Media and Communication
Mining
Movies and Television
Surveying



UPPER YARRA
SECONDARY COLLEGE

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