KYNETON HIGH SCHOOL

2023

YEAR 9 COURSE INFORMATION HANDBOOK

RESPECT DIVERSITY SUSTAINABILITY EXCELLENCE

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SUBJECT SELECTION - FREQUENTLY ASKED QUESTIONS

WHAT WILL I USE THIS HANDBOOK FOR, AND WHO NEEDS TO READ IT?

This handbook has been written for Year 8 students and their families to read. In Year 9 students are at a point in their education journey where they can have some choice in what they study. This handbook will help you understand what we mean by Year 9 Breadth subjects and which ones you can take at Kyneton High School in 2023. You will be provided with information in Home Group and will have time both in class and at home to make these decisions.

WHAT'S THE DIFFERENCE BETWEEN A CORE SUBJECT AND BREADTH SUBJECT?

A core subject is one that every student in Year 9 will take. At Kyneton High School, the Year 9 core subjects are English, Maths, Humanities, Science, Health & Physical Education and Home Group. In these subjects, students learn the same content and skills and completing the same assessment across all classes in the same subject. Core subjects run across a full year. A description of each of these subjects can be found at the end of this handbook.

In Year 9 Breadth subjects are offered from the KHS Learning areas, allowing students some choice in the subjects, while ensuring the curriculum at Kyneton High School offers the entire breadth of the Victorian Curriculum. These choices allow you to explore subjects with the three learning areas that you are interested in, or are already really passionate about.

The table below shows you how your time will be distributed across the different subjects in Year 9.

SEMESTER 1		SEMESTER 2	
SUBJECT	LESSONS / WEEK	SUBJECT	LESSONS / WEEK
English	4	English	4
Maths	4	Maths	4
Science	3	Science	3
Humanities	3	Humanities	3
Health & P.E.	3	Health & P.E.	3
Homegroup	2	Homegroup	2
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WHAT ARE THE BREADTH SUBJECTS ON OFFER AT KYNETON HIGH SCHOOL IN 2023?

At Kyneton High School in 2023, we will offer a range of semester-long breadth subjects for students to choose from. These come from the KHS learning areas. These subjects are listed in the contents page and are described in more detail in the following pages.

Please take the time to watch the videos presented by your amazing teachers to get a more detailed understanding of what each subject is about. The link for these presentations can be found here: Year 9 subject offering presentations link

HOW MANY BREADTH SUBJECTS CAN I PICK IN YEAR 9?

To ensure a balanced curriculum all students must undertake AT LEAST 1 Breadth subject from the Creative Industries (Visual or Preforming) Learning Area and AT LEAST 1 subject from the Technology Learning Area. Students can ONLY select 1 subject from the Humanities, PE and Science Learning Area. For example

- 2x Technology, 2x Creative Industries
- 2x Technology, 1x Creative Industries, 1x Humanities/PE/Science.
- 1x Technology, 2x Creative Industries, 1x Humanities/PE/Science.

Indonesian is only offered as a year-long elective and will therefore take up one Breadth elective for each semester. Students who opt to study Indonesian will be able to nominate any subjects as their first and reserve subjects for their remaining two Breadth spaces.

HOW DOES THE SELECTION PROCESS WORK?

You will be guided through the Year 9 Subject Selection Handbook by your Home Group teachers in early Term 3. You'll have time to discuss options with teachers and families before completing your subject selection preferences form online. You will be shown how to complete this form in Homegroup.

WHAT HAPPENS IF I DON'T GET MY FIRST CHOICE?

In some situations, you may not be able to get your first choice of subject in a particular learning area. This is why it's important to think about first and second (reserve) preferences when you are browsing through the handbook and talking to the people who are supporting you.

WHO CAN I TALK TO FOR ADVICE ABOUT PARTICULAR SUBJECTS?

- Your Home Group teacher
- The LOTE, Creative Industries and Technology Learning Area Leaders (see contact details below).

- Your family, who have also been sent this handbook on the same day so that you may speak with them when you get home

WHEN DO I HAVE TO MAKE THIS DECISION?

You will have until **Friday August 19, 2022** to submit your choices, so you have lots of time to talk to your subject teachers and to your family.

KYNETON HIGH SCHOOL LEARNING AREA LEADERS

CURRICULUM AND LEARNING LEADER	Dr Anwyn Chapman	anwyn.chapman@education.vic.gov.au	
CAREERS & PATHWAYS	Ms Elizabeth Trembath	elizabeth.trembath@education.vic.gov.au	
ENGLISH	Ms Emma Nelms	emma.nelms@education.vic.gov.au	
MATHS	Dr Alexander Pascoe	alexander.pascoe@education.vic.gov.au	
SCIENCE	Mr Kristin Oliveri	kristin,oliveri@education.vic.gov.au	
HUMANITIES	Ms Rosemary White	rosemary.white2@education.vic.gov.au	
HEALTH & PHYSICAL EDUCATION	Ms Jodie Cox	jodie.cox@education.vic.gov.au	
CREATIVE INDUSTRIES	Ms Alexandra Ashley	alexandra.ashley@education.vic.gov.au	
TECHNOLOGY	Mr Andrew Azzopardi	andrew.azzopardi@education.vic.gov.au	
LOTE	Ms Cassandra Gunter Mr Geoff Comben	cassandra.gunter@education.vic.gov.au geoff.comben@education.vic.gov.au	 

CREATIVE INDUSTRIES

Art

DESCRIPTION

Year 9 Art is the pathway to learning the practice of an artist. If you have a passion for making art, for being creative, for having your own interests and want an imaginative learning experience then Year 9 Art is your subject. Where else are you encouraged to find your own path of creativity to express, through making, your interests, express who you are? Who knows you could be on a path to selecting Art: Creative Practice or Visual Communication Design in your future, to be an artist or designer.
Learn to make new and exciting forms of art in 2 or 3 dimensions, championing your individual vision. Use your imagination to create ideas, refine and develop art making methods using a broad range of materials.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

The practice of an artist is about exploring the potential of materials and methods of making to produce visual artworks. You will learn how to apply, explore, experiment with and develop methods of working with material from charcoal and acrylic paint to papier mache and wire. You will learn how drawing and ideas together are the building blocks of all art. You will learn to connect your own art practice with the works of artists and art movements of the past.
A short list of projects you will experience will include:

- Expanding your drawing skills using a wide range of wet and dry media.
- Stretch your first canvas and make a painting.
- Make sculptures learning the skills of fabrication and construction.
- Learn how to make and print editions of etching, collagraph and monotype printmaking.
- Connect your new practice as an artist with the famous artists, artworks and movements which have gone before us.
- Have fun and enjoy being a maker and expressing yourself.

WHAT OTHER FIELDS COULD THIS LEAD TO?

- Year 10 Art
- Year 10 Visual Communication and Design
- VCE Art: Creative Practice
- VCE Visual Communication Design

Further Pathways
Artist: Painter, Printmaker, Sculptor, Digital Artist, Photographer, Ceramicist, Muralist, Portraitist, Textile Artist.
Other:Graphic Design, Product Design, Fashion and Textiles, Print Media, Website Design.

WHAT ELSE DO I NEED TO KNOW?

There are no additional costs though there may be an excursion.

Most materials and equipment is provided by the school, but you will need an A3 Visual Diary and a well-stocked pencil case with a range of grey leads, coloured pencils and a compass and rulers are used by artists

Design

DESCRIPTION

Start your path to being a designer which takes in a very wide range of careers from graphic designers to architects, product design to interior decoration.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

You will learn the design elements and principles which are the basis of all good design, developing ideas from concept to completion. Concepts and ideas become real through the fabrication of models and objects.
A shortlist of major projects may include:

This pathway provides you with an opportunity to develop a broad range of skills from drawing, to concept development and product fabrication.

It involves the basics of drawing in 2 and 3 dimensions all the way through to the use of computer software like Illustrator, Photoshop and Google sketchup.

You will be suited to this subject if you have an interest in art, photography, popular culture, fashion, music, product design, and architecture. You would be interested in how things appear aesthetically and how they function. You are a creator and a maker.

- Landscape & Architecture Design: create a landscape and building design for your best client, yourself.
- Font Design: create your own monogram with original fonts including the production of a rubber stamp.
- Cassette Cover Design: for a band or artist of your choice.
- Magazine layout: explore 'grid design' and how it helps to logically and creatively lay out visual and written information
- Using Adobe Illustrator, Photoshop and InDesign

WHAT OTHER FIELDS COULD THIS LEAD TO?

- Year 10 Art
- Year 10 Visual Communication and Design
- VCE Art: Creative Practice
- VCE Visual Communication Design

Further Pathways
Careers: Architect, Graphic Designer, Product Designer, For Fashion, Print Media, Website Design.

WHAT ELSE DO I NEED TO KNOW?

There are no additional costs though there may be an excursion.

Most materials and equipment is provided by the school, but you will need an A3 Visual Diary and a well-stocked pencil case with a range of grey leads, coloured pencils and a compass and rulers are used by artists

Fashion Design

DESCRIPTION

This is a fun subject for budding Year 9 fashion designers who want to learn how to express their creativity by using a range of textiles and processes.

You will learn how to decorate and embellish fabrics as you explore how different cultures colour and dye fabrics. You will learn some basic embroidery stitches as you create embroidered artworks. You will get to make a felt bunny doll/toy and in the process get your sewing machine licence.

Studying Fashion Design will introduce you to some famous fashion designers from around the world and you will explore how designers create outfits using recycled fabrics and materials.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

You will build many skills in this subject including:

- Hand Sewing
- How to use a Sewing Machine
- Basic embroidery stitches
- Knitting
- Fashion Design Illustration
- Tie-dye and other fabric dyeing techniques.
- Screen printing
- Felt toy making

WHAT OTHER FIELDS COULD THIS LEAD TO?

- Year 10 Art
- Year 10 Visual Communication and Design
- VCE Art: Creative Practice
- VCE Visual Communication Design

Further Pathways
Tertiary Study: Certificate III in Clothing and Textile Production, Apprenticeship as a Tailor/Dressmaker
Careers: Fashion Designer, Fashion Illustrator, Textiles Designer, Textiles Artist, Dressmaker, Seamstress, Tailor

WHAT ELSE DO I NEED TO KNOW?

Students might have to provide a T shirt or singlet top for dyeing or screen printing. Students may choose to purchase wool for knitting a scarf.

Speak to Ms Ashley or Ms Hasell if you would like to know more about this subject.

Media

DESCRIPTION

Media studies involves exploring, analysing and creating sources of media including film, television, video gaming, radio, the internet and mobile media.

Students studying Media will gain greater insight into how media makers create connections between audiences, purposes and ideas.

They will explore concepts and viewpoints through the creative use of materials and technologies, building skills using computer film editing software, sound recording and editing software, and the use of cameras.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

- an understanding of the broad scope of Media and how it impacts upon the individual.
- use of DSLR and video cameras for photography, animation and filming purposes
- use of film editing software
- use of sound recording and editing software
- an understanding of cinematography language and its application in practice; the shot names, camera angles and movements
- an understanding of filmmaking 'elements' to help constructively analyse work viewed
- insight into the advertising industry

WHAT OTHER FIELDS COULD THIS LEAD TO?

- Yr 10 Art
- Yr10 Design
- Yr 10 Digital Imaging
- Yr 10 Play and Performance
- VCE Art: Creative Practice
- VCE Visual Communication Design

Further Pathways
Filmmaking, Journalism, Advertising, Media Studies, Web Design, Multimedia studies

WHAT ELSE DO I NEED TO KNOW?

This subject will be a balance of both theoretical and practical explorations of Media.

You will be required to learn about, and use, a range of software, so a desire to engage in developing computer skills is required.

School of Rock

DESCRIPTION

In this unit students will explore many aspects of rock music. Through exposure to many genres of Rock music, students will build on their instrumental skills as well as musical theory development. The core focus of this unit is to improve a students practical skills while developing deeper musical language understanding. The coursework is primarily hands-on and will involve students completing a range of audio projects using digital technologies, music group and solo work and research projects into rock genres.

It is recommended that students who undertake this course have some prior experience of learning an

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

- Creative Thinking: Thinking creatively is second nature to a music student. They are naturals because they must continuously create, write, and compose new and innovative music.
- Problem Solving: Music students know that myriad challenges can crop up at any time before, during, and even after performances. Staying calm and solving a problem quickly is a valuable skill.
- Responsibility & Dependability: Music students are some of the most dependable, reliable, and responsible people. They understand that their

instrument. Playing an instrument is not a prerequisite but students who have little experience in this area are strongly encouraged to enrol in instrumental lessons. These can be provided by the school.

fellow students, band, and orchestra members depend on them to be equally ready.

- Collaboration & Working Effectively With Others: Music students must know how to work well with others and communicate effectively.
- Time Management: Lastly, as with anything, time management is critical. Music students learn to juggle their busy schedule of classes, studying, practicing, rehearsals, and performing. Students will develop their time management skills, learning to manage several major projects at once.

WHAT OTHER FIELDS COULD THIS LEAD TO?

- Year 10 Music and Composition
- VCE and VET Music studies

Further Pathways
Tertiary Study: Bachelor of Music, Bachelor of Education/Arts, Bachelor of Music Industry, Sound production and Audio Engineering
Careers: Music producer, Music therapist, Musician, Private music teacher, Secondary school teacher, Sound designer, Sound engineer, Sound technician, broadcasting/film/video, Special effects technician

WHAT ELSE DO I NEED TO KNOW?

No prerequisites but knowledge of at least one instrument preferred. Otherwise lessons are available from the school.

Script to Stage

DESCRIPTION

"If you were born with the ability to change someone's perspective or emotions, never waste that gift."

Do you enjoy exploring ideas and stories? In this class we will be delving into the world of group devised theatre. As a class, we will devise concepts for a performance and then workshop, write and produce a script. You will learn to make deliberate artistic choices and shape design elements to express dramatic meaning for an audience. So, whether you like writing, performing or creating of any kind, this subject is the perfect place to follow your passions, learn new skills and create entertaining plays.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

- Work collaboratively to produce a performance.
- Character development and performance
- Expressive capacity of voice and movement
- Performance skills and performing in a range of performance spaces.
- Team work, cooperative learning
- Build confidence
- Develop identity and awareness
- Express and share your ideas and thoughts

WHAT OTHER FIELDS COULD THIS LEAD TO?

- Year 10 Play and Performance
- VCE Theatre Studies
- VCE Drama

Further Pathways
Actor, TV presenter or journalist, public speaking, debating

WHAT ELSE DO I NEED TO KNOW?

This class will work towards a public performance.

HEALTH & PHYS. ED.

Outdoor Education

DESCRIPTION

In Outdoor Education students learn to interact with outdoor environments in a safe and sustainable way.

Students will learn about these environments through a mix of theory and practical classes.

Students are expected to participate in two local excursions and a camp to develop skills in a variety of outdoor activities and put the knowledge learnt in class into action.

Students must have a sense of adventure and a willingness to take on new challenges to be successful. This is a great taster course for students wanting to complete VCE OES or Sport & Recreation in the senior school.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

Students will learn to interact with outdoor environments in a safe and sustainable way, reducing their own and others' impact in natural environments.

Students will develop a range of Outdoor skills in relation to following:

- Rock Climbing
- Abseiling
- Caving
- Navigation
- Hiking
- Orienteering
- Canoeing
- Outdoor Living Skills
- First Aid

WHAT OTHER FIELDS COULD THIS LEAD TO?

- VCE Units 1-4 Outdoor and Environmental Studies
- VET Sport and Recreation Cert. II.

Further Pathways

Tertiary Study: Cert IV in Outdoor Recreation, Bachelor of Outdoor and Environmental Education, Bachelor of Outdoor leadership/Education, Cert IV/Diploma in Nature Tourism, Bachelor of Applied Science (Human Movement), Bachelor of Physical Education, Cert III/IV/Diploma in Sport and Recreation

Careers: Outdoor Education Specialist, Outdoor Education Teacher, Environmental Scientist, Park Ranger, Tour guide

WHAT ELSE DO I NEED TO KNOW?

There will be two local excursions and a camp in this course which will require payments on top of course fees, ~$150 for the semester.

The camp and excursions are compulsory and directly link to assessment for the subject.

Please see the Health & P.E. Leader for more information.

HUMANITIES

The Real World - Understanding 21st Century Challenges

DESCRIPTION

In this brand new elective subject in 2023, you will learn about and explore how the world shapes us, and how we can shape our world.

You will learn about the complex society you live in and build skills to meet future challenges.

It is a great subject for students who are curious about the world and how it works. You will be exploring and researching ideas with your classmates, as well as building your skills for future success.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

- This subject will ask the big questions – you need to bring your energy and an open mind.
- Why do we think the way we do? What roles do our family, friends, community and the media play in shaping our beliefs, values and what we think is 'normal'?
- How do we all end up on different paths? Why do people step outside the boundaries?
- What are the challenges and benefits of living alongside other people who do not agree with us?
- How do social media and advertising have an impact on our lives?
- How can we be active citizens and involved in our communities?
- What challenges will we face in the future and do we build the skills to tackle them?

WHAT OTHER FIELDS COULD THIS LEAD TO?

This subject will build the creative and critical skills that will make you a better student in your future studies at school and beyond, in English, Humanities, Legal Studies, Sociology, Criminology, Psychology, Business and more.

WHAT ELSE DO I NEED TO KNOW?

If you would like to talk about what we will study in this subject, or whether it is the right choice for you, have a chat with your Humanities or English teachers, Mr Rickwood or Ms White, who would all love to discuss it with you!

LOTE

Indonesian

DESCRIPTION

In an increasingly globalised world it is an advantage to have people equipped to participate socially and economically in this highly interconnected world.

Given the proximity of Indonesia and its relationship with Australia, this Asian language has great relevance for our students.

The Australian Curriculum emphasises the importance of our connection to Asia and in particular to South-East Asia. Australia's geographical position and geopolitical history has required and continues to require serious engagement with the languages and cultures of this region.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

Indonesian will be studied through the exploration of various themes related to both daily life and Indonesia. Some of the themes to be covered are Travel, Youth Lifestyles, environment, school life in Australia and Indonesia and animals. This will build students:

- Understanding of the Indonesian language and culture.
- An ability to converse and write about events that have been relevant to them in the past as well as those that are relevant now or in the future.

WHAT OTHER FIELDS COULD THIS LEAD TO?

- Year 10 Indonesian
- VCE Indonesian

Further Pathways
Industry, Language Interpreters, Teaching, Public Service

WHAT ELSE DO I NEED TO KNOW?

Pre-requisite: A 3+ or higher in Year 8 Indonesian

Note, this is a year-long subject, so will take up 2 Breadth choices. Students who choose Indonesian will have free choice in their two remaining Pathway choices.

SCIENCE

Thugs and Bugs

DESCRIPTION

Are you someone who is intrigued by the criminal minds that forensic science helps put behind bars? Or want to know more about how insects can contribute to the decomposition of a body? What about the importance of insects keeping the world fed and functioning as normal? In this class we will focus on many different aspects of forensic science and delve deeper into understanding the world of entomology.

Students must have a passion for hands-on Science and be eager to further develop their science inquiry skills and ability to investigate new concepts.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

- Trace Evidence Collection
- Blood and DNA Residue Analysis
- Handwriting and Forgery Analysis
- How to read a Crime Scene
- How to profile a Serial Offender
- Process of Decomposition by Insects
- Importance of Bees
- How to Classify and Collect Insects

WHAT OTHER FIELDS COULD THIS LEAD TO?

- **Year 10 Core Science**
- **VCE Biology**
- **VCE Psychology**
- **VCE Chemistry**

Further Pathways
Teaching, Forensic Scientist, Laboratory Technician, Entomologist, Cytogeneticist

WHAT ELSE DO I NEED TO KNOW?

This course includes both theory and practical based learning.

A score of 3 in Year 8 Science or higher will be helpful.

There may be small additional costs associated with attaining resources e.g. shadow box for insect collection, etc.

TECHNOLOGY

Automotive & Engineering

DESCRIPTION

This course is for students who are interested in developing their knowledge of Automotive and Engineering.

In Automotive the student will investigate the basic principles of mechanical systems and how they operate in automobiles and motorcycles through problem- based learning in assembly and disassembly projects.

In Engineering the student will develop skills in the engineering area. Included is the safe use of tools and equipment, solving practical problems, the development of a design folio and evaluation of the design and production process. Students are required to complete practical tasks starting with a figurine using nuts, bolts and steel tubes.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

- Safety in a workshop environment.
- Learning hand tool skills.
- Work collaboratively to get lawn mower motors running
- Different types of metals.
- Bending and joining metals.
- Basic welding.

WHAT OTHER FIELDS COULD THIS LEAD TO?

- Year 10 Automotive
- Year 10 Engineering
- VET Automotive
- VET Engineering

Further pathways
Apprenticeships: Automotive or Engineering fields
Careers: Engineering, Automotive Industry

WHAT ELSE DO I NEED TO KNOW?

This course includes both theory and practical based learning.

Creative Cooking

DESCRIPTION

In this subject students will explore the more creative side of food preparation.

Using the design process they will investigate, design, produce and evaluate a range of recipes and menu options.

They will explore various cooking techniques and presentation ideas in order to present their products to a more professional standard.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

- Local community
- Food knowledge
- Informed eating decisions

WHAT OTHER FIELDS COULD THIS LEAD TO?

WHAT ELSE DO I NEED TO KNOW?

- Year 10 Fabulous Food
- VET Hospitality

Further pathways
Apprenticeships: Hospitality (Baking, Chef, Butcher)
Careers: Hospitality, Nutritionist

This course includes both theory and practical based learning. You must also be willing to go on excursions within the local community.

Digital Technology

DESCRIPTION

This course covers a range of topics relating to computer science, programming, and design including networks, cyber security, programming algorithms, data analysis and visualisation, and user experience design.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

- Data representation & compression
- Understanding networks and operating systems
- Web-site development
- Information privacy
- Developing algorithms
- Writing programs

WHAT OTHER FIELDS COULD THIS LEAD TO?

- Year 10 Digital Technology
- VCE Applied Computing

Further pathways Tertiary courses such as Computer Science, Information Technology, Web Design, and other STEM courses

WHAT ELSE DO I NEED TO KNOW?

You will need a Grok Learning subscription installed on your device, which will cost ~$30

Horticulture

DESCRIPTION

This course is for students who are interested in developing their knowledge of plant biology, ecosystems and agriculture.

You will study how plants grow, how you can create healthy and vibrant ecosystems, the impact of climate change and all things gardening.

There will be many opportunities for practical activities in the great outdoors, using our community garden as our classroom.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

- Edible plants
- Native plants
- Ecosystems
- Beneficial insects
- Plant biology
- Agriculture
- Garden design
- Garden maintenance

WHAT OTHER FIELDS COULD THIS LEAD TO?

- VCE Environmental Science
- VCE Outdoor Environmental Studies

Further pathways
Horticulture, Sustainable design, Community engagement opportunities, Landscape architecture, Landscaping

WHAT ELSE DO I NEED TO KNOW?

This course includes both theory and practical based learning. You will need to be enthusiastic and able to work outdoors and in the community.

Paddock to Plate

DESCRIPTION

- Are you looking for fun hands on horticulture class whilst learning about food?
- Paddock to Plate will bring real life learning into the classroom. We will learn about how food connects with the seasons by growing produce in the school's community garden. We will then visit local community organisations and look at farm case studies.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

- Environmental issues
- Sustainability
- Weather
- Local community
- Food knowledge
- Informed eating decisions

WHAT OTHER FIELDS COULD THIS LEAD TO?

- VET Hospitality
- VET Horticulture

Further pathways
Apprenticeships: Hospitality (Baking, Chef, Butcher), Agriculture
Careers: Hospitality, Nutritionist, Market gardener, Farming, Viticulture, Orchardist

WHAT ELSE DO I NEED TO KNOW?

This course includes both theory and practical based learning. You will need to be enthusiastic and able to work outdoors. You must also be willing to go on excursions within the local community

Woodwork

DESCRIPTION

This course is for students who are interested in increasing their knowledge of yr 7/8 woodwork.

In Woodwork the student will develop skills, utilising safety principles to construct practical projects and to become familiar with various hand tools. Students are required to work individually and collaboratively with other students to create a series of wood joints, a scale house frame, carpenter's 'saw horse', dog kennel as well as some personal projects.

The student will learn how to measure accurately using steel rulers and tape measures and become familiar with some methods of joining materials.

WHAT KNOWLEDGE & SKILLS WILL I BUILD?

This subject will build knowledge and skills to:
- Plan your work
- Select appropriate tools and equipment
- Learn about properties of different materials
- An understanding of forces acting on technology
- Work safely and productively
- Develop a 'can do attitude'

WHAT OTHER FIELDS COULD THIS LEAD TO?

- Year 10 Woodwork Pathway
- VET Building and Construction

Further pathways
Apprenticeships: Cabinet or furniture making, Building, Carpentry, Bricklaying, Plastering
Careers: Cabinet or furniture making,

Builder, Carpenter, Bricklayer, Plasterer, Site Supervisor, Building Surveyor

WHAT ELSE DO I NEED TO KNOW?

Woodwork is a semester long subject, leading you into the Year 10 Woodwork Pathway.

YEAR 9 CORE SUBJECTS

ENGLISH

In Year 9 English students build on the skills developed in Years 7 and 8, and learn to read, understand and write more sophisticated texts. Students study current events; looking at how a current issue is covered in the media and analysing how a point of view is presented persuasively. Students present their own point of view on different issues raised in the classroom. We study a range of different texts across the year, including visual texts.

Students use a variety of strategies to analyse these texts and demonstrate their understanding of the key ideas explored in the text. They build their essay writing skills in preparation for Senior English. Students also respond creatively, using their understanding of genre, audience and language to present creative responses to the texts they are studying. Both analytical and creative work is intended to introduce students to new ideas, language structures and vocabulary. This includes students continuing to read a wide range of texts at home.

HUMANITIES

The Year 9 curriculum provides a study of the history of the making of the modern world from 1750 to 1918. Students investigate how life changed in the period through the study of the Industrial Revolution, the colonisation of Australia, Federation and World War 1.

GEOGRAPHY

In Year 9 students investigate the biomes of 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. The distinctive aspects of biomes, food production and food security are investigated using studies drawn from Australia and across the world.

In the geographies of interconnection, students examine the effects of people's travel, recreational, cultural or leisure choices on places, and the implications for the future of these places.

CIVICS AND CITIZENSHIP/ BUSINESS AND ECONOMICS

In Year 9 students focus on their role within the Australian political system. They investigate human rights, how citizens can influence the world they live in and play an active part within their local community. In Business and Economics students explore the world of work and managing personal finances.

HOMEGROUP

The Year 9 HomeGroup curriculum builds on concepts, skills, and techniques introduced in Year 8.

MATHEMATICS

The Year 9 Mathematics curriculum builds on concepts, skills, and techniques introduced in Year 8. These topics are extended and new topics are introduced to provide a sound basis for the study of mathematics in Years 10-12. All students are required to have a scientific calculator. The recommended scientific calculator is the Texas Instruments TIXB30 multiview.

The curriculum is divided into the three sections:

- Number and Algebra – simple interest, working with algebraic expressions, indices, linear equations, straight line graphs.
- Measurement and Geometry – surface area and volume of shapes, similarity of shapes, trigonometry, Pythagoras; Theorem.
- Statistics and Probability – chance events, calculating probabilities, data representation.

HEALTH & PHYS. ED.

Year 9 Health and Physical Education enables students to gain valuable, applicable lifelong knowledge and skills. Students will participate in a variety of individual and team sports. Skills learnt and enhanced include; athletics, striking and fielding, outwitting opponents and fitness lessons. These will be done by participating in various traditional and non-traditional sports and activities. Students have to plan and implement ways to improve their skills and performance in a variety of more technically demanding movements, and participate in peer led activities. In health classes students examine many current societal health issues, including drug and alcohol (mis)use, sexuality in modern day society and resilience, rights and respectful relationships. The focus is on harm minimisation and strategies to help themselves, friends and the community.

SCIENCE

In Year 9 Science students study multi-cellular organisms and how body systems work together to respond to changes in their environment.

Students learn that the interaction of magnets can be explained by a field model and that magnets are used in the generation of electricity and the operation of motors. They describe and analyse interactions and cycles within and between the earth's spheres.

Students explore the structure of atoms and the properties of different chemical experiments and learn that these reactions are important in both non-living and living systems and involve energy transfer.

Students will learn that scientific understanding, including models and theories, are contestable and are refined over time through a process of review by the scientific community.