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**SUBJECT
SELECTION
GUIDE
2023**



CORE and Elective Programme

Core Subjects (Compulsory)

In Year 9, all students will study Core English, Maths, Science, Health, Physical Education, Humanities and Skills For Life (formally known as Pastoral Care).

Electives Program

Students will also be able to choose from a range of The Arts, Technology and Language (Indonesian). Electives run for a Semester or half a year, with the exception of Languages that run the whole year.

During Semester 1 Students will complete two electives, one from The Arts, Technology

During Semester 2, students will complete two different electives one from The Arts, Technology

OR

One from the Languages (Indonesian) Learning Area that runs over the whole year. During the course selection process, students must choose electives for the entire year. Electives may incur a charge up to \$42.00 depending on material costs.

PE: there is Core for Semester One and a choice of two subjects for Semester Two.

Choosing Electives

When completing your course selections on Web Choices you will be required to choose 2 electives per semester and a 3rd choice in the event of other choices become unavailable.

Ensure you indicate on Web Choices the subject you would most like to do and the third choice being your least favourite

Every effort will be made to put students into classes based on the order of their preferences

Disclaimer

Please be aware that classes will only run if there are sufficient numbers. In the case of a selected class not running, we then use the next selection they have made in their Web Choices .

YEAR 9 CORE SUBJECTS

English

In Year 9 English students will complete a variety of activities to improve their reading and writing and speaking skills. Students will study the Australian book 'Runner', the story of Charlie Feehan, a fifteen-year-old living in Richmond, an inner Melbourne suburb in 1919. This area, for some time known as Struggle town, is the scene of great poverty at this time, but it is also the home of one of Melbourne's best-known gangsters, Squizzy Taylor.

Students also complete a film study of the New Zealand film 'Hunt for the Wilderpeople' about a troubled young boy, Ricky Baker, who escapes into the wilderness with his foster father. They bond in their journey, encountering many obstacles and learn to live in the wild. Students also learn to craft their persuasive writing and creative sides and complete analysis of persuasive texts and learn how to analyse newspaper articles and speech effectively.

Assessment:

Text Response Essay

Creative Writing Folio

Persuasive Oral Presentation

Language Analysis Essay

Mathematics

Students will study mathematical topics from the three content strands of the Victorian Curriculum: Number and Algebra, Measurement and Geometry and Statistics and Probability

In the middle years, Mathematics equips students with important concepts and skills to develop as successful learners. They develop an understanding of the role of mathematics in life, society and work. Through problem solving and enquiry students demonstrate how to apply mathematical processes across the disciplines.

We aim for students to be confident in their knowledge and application of mathematical concepts in order to attain new knowledge and skills when needed and to be successful numerate citizens.

Semester One Topics

- Reviewing number skills
- Percentages, profit and loss (financial math)
- Statistics
- Measurement
- Algebra
- Geometry

Semester Two Topics

- Pythagoras and Trigonometry
- Probability
- Linear Equations and Graphs
- Algebraic Techniques

Science

Year 9 Science introduces and expands on a variety of scientific topics. Students will:

Explore how the nervous and endocrine (hormone) systems respond to various stimuli, and how our body responds. Investigate how reaction times are affected when using a mobile phone to demonstrate why 'texting while driving' can have deadly consequences.

Study pathogens that cause disease and how our immune system continuously protects us from their invasion.

Explore our Universe from the Big Bang 13.8 billion years ago to today, including universe expansion, light speed, lifecycle of stars, black holes, galaxies, and supernova's.

Investigate how Earth's continents have changed over millions of years, and the scientific evidence of tectonic plate movement and continental drift.

Model and explore radioactive materials, their potential dangers, but also benefits in medicine.

Investigate chemical reactions including endo- (cold) and exothermic (hot) reactions and acid/base reactions that are used to manufacture products you use every day, and occur in your body for survival.

Identify and investigate the importance of electricity, electric circuits and electromagnets as part of our everyday lives, and create circuits and electromagnets.

Explore the delicate balance that ecosystems maintain to sustain for life, to the devastating impact that humans are having on planet Earth, including plastic, garbage and toxic waste, gases impacting on life, mining destroying ecosystems, and many more aspects.

Develop life skills and an understanding and appreciation of Science through exploring these topics.

Humanities

In the Victorian Curriculum F-10, the Humanities includes:

- Civics and Citizenship
- Economics and Business
- Geography
- History

Students develop vital skills across all four areas including mapping, research, analysis, drawing conclusions from data and decision-making skills.

Topics across the year will include the making of the modern world through revolutions such as the Industrial Revolution, Australia's involvement in World War I and its relationship with Asia. In Geography, students will study biomes and food security, and the interconnectedness of people and places throughout the world. The final area of study will include Australia's federal system of government and the legal system, together with the economic impact of business on our society.

YEAR 9 CORE HEALTH & PE: SEMESTER 1

Health and Physical Education enables students to learn about healthy lifestyle behaviours, leadership skills, motor skill development and to build positive relationships with their peers. Specifically, in Year 9 students will learn about positive and negative risk taking, drugs and alcohol, mental health, sexuality and relationships. They will be involved in practical activities to investigate movement principles and coaching techniques. They will get the chance to create and officiate their own sport lesson. A variety of striking sports, football codes and minor games will be participated in practical classes across the semester.

Skills for Life (previously known as Pastoral Care)

In Year 9 Pastoral Care students focuses on a number of areas based around personal development and the building of social cohesion amongst the cohort. Resilience, Rights and Respectful Relationships learning materials are used to cover eight topics of social and emotional skills and positive gender norms. Students will also focus on career pathways and learn study skills which can be utilised in future studies.

YEAR 9 ELECTIVE DESCRIPTIONS

Dance

Throughout Year 9 Dance, students will use the body as the instrument and movement as the medium for personal, social, emotional, spiritual and physical communication. Students will learn theory components of dance as well as learn dances each term and create their own dances too.

Drama

The Sound of Music, Grease, Matilda the Musical, The Lion King; these are all examples of theatrical productions which embrace musical theatre and have played to eager audiences all over the world. For students who would like to work towards becoming a triple threat –in the areas of singing, dancing and acting –this is the subject for you! Throughout this elective subject, students will develop confidence, creativity and expression through practical and theoretical experiences in singing, dancing and acting. Students will develop physical skill, enhance technique and develop an appreciation of the artistic and cultural aspects of musical theatre. Working collaboratively as a group, students will construct performances that demonstrate their skill in singing, dancing and acting in an exciting and innovative way. Learning will be celebrated through ongoing opportunities for performances to peers

Digital Art and Photography

In Year 9 Digital Art and Photography, students are introduced to a variety of digital art and photography styles, concepts and projects. Students use industry-standard software such as Adobe Photoshop and Illustrator, to complete structured and guided projects. Students will be introduced to a variety of photography composition techniques and digital art styles, and have the opportunity to learn and experiment across a variety of media to explore their own artistic styles and interests. Through the completion of Year 9 Digital Art and Photography, students will be prepared to continue their artistic journey into their senior years or school from both a theoretical and practical platform.

Applied Computing

Applied Computing focuses on the strategies and techniques for creating digital solutions to meet specific needs and to manage the threats to data, information and software security. The study examines the attributes of each component of an information system including people, processes, data and digital systems (hardware, software, networks), and how their interrelationships affect the types and quality of digital solutions.

Applied Computing provides students with opportunities to acquire and apply knowledge and skills to use digital systems efficiently, effectively and innovatively when creating digital solutions. Students investigate legal requirements and ethical responsibilities that individuals and organisations have with respect to the security and integrity of data and information. Through a structured approach to problem solving, incorporating computational, design and systems thinking, students develop an awareness of the technical, social and economic impacts of information systems, both currently and into the future

Media Arts

In Year 9 Media Arts, students will build upon the foundation Media knowledge developed through their studies in Year 8 Media Arts. Students will experiment with a variety of media products and processes, including film and photography, and learn and experiment with ways in which technical coding creates meaning for audiences through these processes. Students will closely examine the technical codes (camera, acting, mise-en-scene, editing, lighting, sound) which are utilised and manipulated by filmmakers and photographers to create meaning in media products, and complete a sequence of production exercises relating to each, foregrounding the necessary skills required in future Media Studies through an introduction to industry standard equipment and software experimentation and usage. This will culminate in students planning, shooting and editing a music video for a favourite song of their choosing.

Music

In Year 9 Music, you study and perform on an instrument of your choice (Guitar, Bass, Drums, Piano/Keys or Voice). You will gain a valuable understanding of how melody, harmony and rhythm are necessary in reading and performing music. All classroom theory tasks are linked to our instruments, giving you an appreciation for how this knowledge is vital for a solid grounding in music performance. All the hard work and practice will pay off when you successfully perform at either the Winter or Spring Concert. You will also learn how to make music using computers and electronic devices. By the end of the semester, you will be able understand how to use loops, virtual instruments and notation software to compose ideas and further develop your ability to use music theory in a practical manner.

Visual Communication & Design

Have you ever aspired of being an architect, graphic designer, game designer or creating a brand-new product? Visual Communication Design focuses on developing skills in drawings, model making and digital illustrations.

Throughout the semester you will demonstrate the understanding of the design process by investigating current designers and their design style, creating concepts drawings that lead to creating final products such as skateboards, dream rooms and ergonomic phone cases. The course leads directly on to Year 10 Visual Communication & Design.

Food Studies

Food Studies involves students studying how food is produced through both theory and practical-based work. In the first term, students will look at how food can be made safely while developing their practical skills and adapting foods to meet their needs. Students follow the design process to create food items and look at how everyday factors influence our food choices. In the second term, students study how food is cooked and the reactions that occur when heat is applied. Students will make food products such as smoothie bowls, souvlaki and meringues. Students should choose this subject if they are interested in a career in food processing or culinary arts.

Students are required to use personal protective equipment and wear school approved footwear for all practical classes in this subject.

Food and Good Health

This subject explores how food influences our health as well as ways to achieve good health through proper nutrition.

Students create healthy and nutritious dishes to build up a repertoire of recipes they can make to support good health.

Students use a range of food selection models such as using the Australian Guide to Healthy Eating to create a healthy diet. Students should choose this subject if they are interested in a career in nutrition or a health-based pathway.

Students are required to use personal protective equipment and wear school approved footwear for all practical classes in this subject.

Product Design and Technology – Textiles 1

Prerequisite- GPA above 3.0 in Year 8 Textiles

Within this unit students explore various textile and fibre crafts to enhance their understanding of the textile industry. Students will explore the culture and history of basketry within our Indigenous culture and learn the key skills to create their own bowl with use of raw materials. Students will further explore the use of raw materials such as wool to explore felting techniques. Lastly, students will take part in a sewing for charity project, through this, they will further explore and follow the design process to create a cape for kids using tie dye techniques to create fun designs on their fabric which they will then use to sew the cape using machine techniques. Their finished cape will be donated to capes 4 kids their mission being empowering children with the gift of a cape - for courage - for love, and support -for whatever, whenever, however they need during illness.

Students are required to use personal protective equipment and wear school approved footwear for all practical classes in this subject.

Textiles and Design is an enjoyable subject for both boys and girls and the students will gain valuable experiences which will provide insights into the following careers:

Fashion Consultant	Clothing/textile technologist
Fashion Designer	Interior and spatial Designer
Fashion Merchandiser	Textile Designer
Fashion Model	Printmaker
Jewellery Designer	Product Design Theatrical Costume
Pattern Maker	Textile Manufacturing
Shoe Designer	Retailing

Product Design and Technology – Wood/ Metal

Prerequisite- GPA above 3.0 in any Year 8 Technology subject

In Year 9 Product Design and Technology – Wood and Metal, students will expand on the skills and knowledge that they have learnt in Year 8 Technology. Students will learn how to create two different products for a client of their choice through researching existing products and developing ideas through sketches based on their research and information from their client. Students will learn how to present final ideas using isometric drawing and how to show measurements in the design. Students will have the opportunity to learn more complex joining techniques and will be introduced to electrical equipment to help with the manufacture and finish of their products. Students will be required to submit a final folio alongside their completed work that shows their understanding of the design process.

Product Design and Technology – Textiles 2

Prerequisite- GPA above 3.0 in Year 8 Textiles

Year 9 Textiles will see students designing and creating their own textiles products further exploring and following the design process. Students will use a sewing machine to sew their own Tote Bag and learn how to screen print to print their own design onto their Tote Bag. They will also conduct a research project into textiles waste and the benefit of the 3 R's Reduce, Reuse, Recycle. Students will then explore ways to create their own recycled textiles item turning trash into treasure.

Students are required to use personal protective equipment and wear school-approved footwear for all practical classes in this subject.

Textiles and Design is an enjoyable subject for both boys and girls and the students will gain valuable experiences which will provide insights into the following careers:

Fashion Consultant	Clothing/textile technologist
Fashion Designer	Interior and spatial Designer
Fashion Merchandiser	Textile Designer
Fashion Model	Printmaker
Jewellery Designer	Product Design Theatrical Costume
Pattern Maker	Textile Manufacturing
Shoe Designer	Retailing

Science, Technology, Engineering and Mathematics (STEM)

Prerequisite- GPA above 3.0 in any Year 7 or 8 Technology subject

STEM is a student-led subject, where students are provided with a problem that they aim to find the solution to through research, design, problem solving, construction, collaboration, data analysis, evaluation, and team and independent work.

Students will have opportunities to explore STEM in various ways, for example, STEM Competitions, Robotics, Drones, Coding, Rocketry, TinkerCAD, 3D printing, Raspberry Pi, Aerodynamics, Bridge/Car/House/Plane Design, Spaghetti Machine Construction, Electronics, Environmental Solutions, Mission to Mars, and many other possibilities.

Students who select this subject will develop a growth mindset, so will embrace challenges, persist in the face of setbacks, see effort as a path to mastery, and find inspiration in the success of others, so must be willing to take on these challenges.

STEM provides the opportunity for students to develop life skills that future employers are looking for, no matter what their chosen career path.

Visual Arts

This is a general art course in which students explore traditional and contemporary art making. Students will gain and improve skills in drawing, painting, printing, collage as well as sculpting and contemporary art methods. Students learn about techniques, compositions and styles within artforms, whilst exploring multiple mediums such as grey leads, coloured pencils, charcoal, pastels, watercolour, acrylic, recycled materials and clay. Students will apply art-making techniques to create products such as zines, and lino prints.

Through practical and theoretical investigation students learn about the major art historical movements and art making techniques and styles. Students will be introduced to Australian and International Art history and will learn how to critically analyse artworks. This course leads directly into Year 10 Visual Art. Thinking ahead – if you might want to take Studio art in VCE, it is highly recommended that you take Year 9 visual art!

YEAR 9 ELECTIVE DESCRIPTIONS - HEALTH & PE: SEMESTER 2

One subject must be chosen.

Health and Recreation

This subject is essential for students who are considering undertaking VCE Health and Human Development in Year 11 and 12 or are interested about a career in the health industry. This subject enables students to learn about healthy lifestyle behaviours, leadership skills, motor skill development and to build positive relationships with their peers. This subject emphasises health topics about nutrition, life cycle development and health and wellbeing. They will be involved in practical activities to investigate movement principles with a focus on recreational activities such as walks, yoga, meditation and non-competitive sports.

Subject is 2 session Theory and 1 session Practical.

Sport and Fitness

This subject is essential for students who are interested in sport and fitness or are considering undertaking VCE PE in Year 11 and 12. This unit allows students to combine a study of exercise, sport, health and nutrition and to develop practical skills in all areas. This subject emphasises coaching and practice strategies, training principles, feedback and social effects on physical activity. They will be involved in practical activities to investigate movement principles with a focus on sport coaching activities and fitness-based activities.

Subject is 1 session Theory and 2 session Practical.

Indonesian (year-long subject)

The Year 9 Indonesian program for 2023 is rich with cultural and language convention. Students will explore the world of Indonesia by engaging in everyday life experiences and activities through topics such as, Holiday to Indonesia and Celebrations and Ceremonies (wedding, death anniversary, food/cooking). Year 9 Indonesian takes the basic conventions and vocabulary (learned in the previous years) to begin constructing more complex pieces of work, in the form of speaking, reading, listening and writing.

Grammatical components are focused on developing the student's abilities further.

