

# Junior School Curriculum Handbook 2020

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**Yarra Hills**  
SECONDARY COLLEGE

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RESPECT ENDEAVOUR ACHIEVEMENT PRIDE

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## Introduction

At Yarra Hills Secondary College, we go to great lengths to ensure that we offer an engaging and supportive learning environment that provides opportunity, encouragement and challenge for each of our students. This allows us to be able to develop our students' individual strengths and talents. Our College values: Respect; Endeavour; Achievement and Pride provide the basis for all interactions within and across our school community. College staff are committed to ensuring our students develop life-long learning skills, curiosity, resilience and determination. We are proud of our students and celebrate their achievements.

**Junior School Years 7 and 8 – Strong Foundations** Our Year 7 and 8 programs build strong foundations for future successes. We provide a solid foundation by emphasising Literacy, Numeracy and the use of Information and Communication Technologies (ICT) across all subjects in the curriculum. Our students enjoy access to all key learning areas, including PE/Sport and are provided with enrichment and/or support programs. Our curriculum is in line with the Victorian Curriculum. Good study habits, regular homework and pride in achievement are encouraged, expected and rewarded.

**Middle School Years 9 and 10 – Growth and Preparedness** Middle School is marked by broadening choices and increased self-reliance as students grow toward maturity and independence. A solid core curriculum is supported by a stimulating elective program that recognises the different needs of students and promotes individual learning and career pathways. Academic learning is enhanced by access to structured work experience and vocational opportunities including traineeships. Year 10 students enjoy access to extension into VCE subjects or VET studies, which can also assist in maximising their tertiary entrance score.

**Senior School Years 11 and 12 – VCE, VET or VCAL** Our senior students experience a young adult learning environment. Academic rigour, initiative and self-discipline are central to life at the senior levels with a cooperative team culture supporting each student's quest for success. We offer a comprehensive selection of studies for those students choosing to undertake VCE. Our VCE students consistently gain placement in their top preferred tertiary venues. We are also able to prepare students for entry into the vocation of their choice through additional programs including Vocational Education and Training (VET), Head Start traineeships and apprenticeships and the Victorian Certificate of Applied Learning (VCAL) school-based apprenticeships and traineeships. Our ability to offer these alternatives ensures that we can find an appropriate pathway for each individual student.

I encourage students and parents to review this handbook carefully and discuss thoroughly the options and opportunities it presents. The handbook is just part of the support offered to students in developing their pathways through secondary school. Key personnel in the College who can also assist are the Campus Principals and Assistant Principals, Heads of School, Year Level Coordinators, Careers & Pathways Leader and individual teachers who are all committed to the development of every student into well-educated, responsible and resilient young adults.



***Darren Trippett, College Principal***

## Junior School Overview

Yarra Hills Secondary College is dynamic and innovative and the College has long been at the forefront of educational thinking through partnerships with local schools. We have established a partnership with the University of Melbourne. This allows access to leading national and international learning experts and helps build the capacity of our teaching staff to further improve learning opportunities for our students.

We are committed to student learning growth and provide a comprehensive curriculum and teaching excellence in a supportive environment. All junior school students complete diagnostic testing in English, Mathematics and Science. The analysis of this testing assists teachers to ensure that the learning experience is appropriate for students. The college offers a broad core curriculum which provides students with a strong foundation for further learning and participation in society. At Years 7 and 8 this is a core curriculum based on a full range of Victorian curriculum strands including the General Capabilities. In years 9 and 10 students continue their learning in core subjects and also select from a large number of electives and students in year 10 have access to VCE and VET programs. This provides multiple pathways for students to the extensive range of options and opportunities at the Senior Campus. Students in year 10 have the opportunity to participate in a structured work experience program.

The College is committed to developing each student's skills and interest. Our partnership with the Yarra Ranges Tech School allows our students to broaden their understanding of STEM (Science Technology Engineering & Maths) while having access to high end technology and physical resources.

All students in Years 7 – 10 participate in a course called Life Skills. In this subject students develop the skills to manage their learning, to solve problems, think creatively, critically and work independently and in teams. They complete a course which unpacks behaviour supporting our College values; develops organisational and study skills; provides pathways and career advice and information for decision making; and

Our junior school team includes year level co-ordinators, a sub-school leader and a student well-being team which has access to external support from a range agencies and health and educational professionals. In addition the College is a participant in the Doctors in Secondary Schools program.

Attendance is closely linked to student performance at school, including in assessment tasks and examinations. Therefore, we expect 100% attendance, unless ill or on an approved school activity, so that each student can maximise their learning and achieve the highest possible results. Where a student is absent due to illness they should ensure that they catch up on work completed during missed classes. Absence is displayed on the attendance page in Compass which parents can access at any time.

The College has a strong co-curricula program. The stimulating **Arts** program enriches the life of the whole College. Each year the college present a production which develops the talents of a large number of students as performers and 'behind the scenes'. Students are able to learn a musical instrument at the College. Many students join our school band which has an annual performance as well as showcasing student talents at a range of other events through the year. Each year band members attend a camp and have the opportunity to tour, recent tours include New Zealand and a European Tour is planned for 2020. Our Annual Arts Show showcases the creativity of our students, as well as those in local primary schools, as their works are exhibited to real audiences alongside the work of other artists.

Student participation and excellence in the **Physical Education and Sports** program is encouraged through a full range of summer and winter sporting activities and involvement in intra- and interschool sports.

**Student leadership** is an important part of the College life. College Captains and Junior Campus Captains are involved in College-wide leadership activities including providing input to the College leadership team and representing the College at community events. Our Student Representative Council is very active. Students elected to the SRC present student views to the College Principals and to School Council. In addition they take part in leadership development activities and organise various fund-raising events. Students are also members of our School Council.

Students at all year levels participate in a wide range camps and excursions that involve them in real-world learning that is directly linked to both their individual stage of learning and school curriculum skills and content.

## Curriculum Overview

Our curriculum is based on the Victorian Curriculum standards and within classrooms there is an emphasis on meeting the individual needs of students so they can all achieve their optimum levels of success. The curriculum in Years 7–10 is designed to meet the needs of students seeking an education focused on academic success and the development of dispositions for lifelong learning and shaping the world around them.

## Year 7 & 8 Core Learning Areas

### **ARTS, DESIGN AND TECHNOLOGIES LEARNING AREA**

The Arts are unique, expressive and creative forms of communication that engage students in critical thinking and help them understand themselves and the world. Our programs at Yarra Hills Secondary College aim to encourage interest in creative work, problem solving and the expression of individual ideas. Engagement in the Arts involves the inspired, disciplined and passionate exploration of ideas through visual imagery and performances. Imagination and creativity are essential to our wellbeing and are pivotal experiences for our students in the Arts.

The Arts learning area includes a diverse range of subject disciplines and forms of expression. Our students experience the Arts disciplines of Art, Drama, Dance, Music, and Visual Communication Design. Within these disciplines students create and explore visual culture, performances in contemporary and traditional themes and works that involve a merging of traditional forms with digital media and new technology.

Students in Years 7 and 8 Technology classes will be involved in problem solving, design processes, information gathering, experimentation and investigation, developing and using design technology skills and processes, using tools, equipment, materials/ingredients and system components safely, to make quality functional objects. This learning area focuses on the development of student skills in managing and manipulating materials and resources. The materials program that we offer at Year 7 and 8 includes Food, Textiles and Wood Studies.

Students in Years 7 and 8 students rotate through a range of Visual and Performing Arts subjects. In Years 9 & 10 students select from a wide range of electives. This allows them to explore areas of personal interest and talent. In Senior School students can continue their studies in this area by selecting from our Arts & Technology VCE and VET options.

## **ENGLISH LEARNING AREA**

In English students learn to create, analyse, understand and interpret text, to appreciate, enjoy and use language and develop a sense of its power to evoke feelings, convey ideas, inform and argue. English involves students in reading, writing, speaking and listening.

At each year level core skills and understandings are taught and students progress through the standards for that level. Students will complete a variety of written tasks through which vocabulary extension, grammar, punctuation, editing and drafting will be taught. They will learn to write in a variety of styles for a range of purposes. Engagement in, and enjoyment of, reading will also be fostered. Students will engage with a range of resources such as poetry, novels, newspaper, magazine articles, and film. They will learn to write for a range of different audiences. The development of listening and speaking skills will be developed formally in oral presentations and debates and informally in discussions and group activities. Students will progressively refine their analytical and interpretive skills, learn to use evidence to support their views, and develop and exchange increasingly complex ideas about a variety of texts and issues in the media.

Students completing the VCE (Victorian Certificate of Education) are required to continue their study of English. They can select from English and Literature. Some students complete both English and Literature at VCE

### **Learning Support (Year 7 – 8)**

Yarra Hills Secondary College offers Learning Support at Year 7 and 8. Learning Support is offered to students identified as needing additional assistance. It is studied as a replacement for studies in an additional language. This course strengthens and refines student literacy skills and compliments the English course to improve student confidence in speaking and listening, research, vocabulary, writing and reading in all key learning areas.

### **English as an Additional Language**

The study of English as an Additional Language (EAL) is offered from Years 7 through to 12 and is designed to assist students whose first language is not English. It focuses on improving oral and written language skills. Whilst running parallel to the mainstream curriculum, EAL places an emphasis on learning Basic Interpersonal Communication Skills (B.I.C.S) and Cognitive Academic Language Proficiency (C.A.L.P). In the Junior School, years 7 through to 10, the course encompasses differentiated teaching that focuses on improving and extending social language, oral and written communication, pronunciation, visual and text-based comprehension skills, and vocabulary extension. In the Senior School, English as an Additional Language is offered to students who qualify.

## **HEALTH & PHYSICAL EDUCATION**

### **Health Education**

In Health Education students are provided with knowledge and skills that enable them to develop and maintain their physical, mental, social and emotional health across various stages of their lifespan. This subject focuses on safety and the identification of strategies to minimise harm associated with particular situations or behaviours. Students examine the promotion of the health of individuals and the community through the use of specific strategies and the provision of health resources, services and products.

The program begins by identifying the health needs necessary to promote and maintain growth and development, followed by discussion of significant transitions across the human lifespan, including puberty, to gaining an understanding of human sexuality. The exploration of human development also focuses on the establishment of personal identity, factors that shape identity and stereotypes.

Students develop an understanding of the right to be safe and explore the concepts of challenge, risk and safety. They identify outcomes of risk-taking behaviours and evaluate harm-minimisation strategies. In developing strategies to minimise harm and to protect their own and others' health, students consider health resources, products and services, and the influences of the law, public health programs, their conscience, community attitudes and religious beliefs. Students begin to clarify a cohesive set of personal values and how they could be used to improve their health.

Through the provision of health knowledge, students develop an understanding of the importance of personal and community actions in promoting health. They also develop an understanding about the factors that promote and protect the physical, social, mental and emotional health of individuals, families and communities. Students investigate issues ranging from individual lifestyle choices to the provision of health services by both government and non-government bodies.

In **Year 7** students undertake units that focus on immunisation, sun-smart behaviours, friendships, bullying and conflict resolution, smoking, relationships and sex education (changes that occur during puberty). The focus in **Year 8** is on the human body and the structure and function of the various body systems, body image, values and resilience, alcohol/drug education, risk taking and sex education (reproduction and contraception). In **Year 9** students investigate the components of health, the health needs of young people, causes of injury, illness and death, drug use in the community, personal identity, friendships and relationships (roles and responsibilities), aspects of sexual relationships, contraception and sexually transmitted infections and the nutritional requirements of young people. Students can continue their health education studies by selecting one of our interesting Health Education electives and through VCE or VET studies in Senior School.

## **Physical Education**

Physical Education is a unique study as it has the potential to impact on the physical, social, emotional and mental health of students. It is a subject that promotes the potential for lifelong participation in physical activity through the development of movement skills and confidence. Physical Education focuses on the important role that physical activity, sport and recreation play in the lives of all Australians by providing opportunities for challenge, personal growth, enjoyment and fitness. It encourages involvement in a manner that reflects awareness that everyone has the right to participate in a healthy and active lifestyle. It develops students' confidence in using movement skills and strategies to increase their motivation to become active, as well as improve their performance and maintain a level of fitness that allows them to participate in physical activity without undue fatigue.

Students will explore the meaning of fitness and examine what fitness means to various groups within society. They also develop an understanding of the physical, mental, social and emotional benefits of participation in regular physical activity, and analyse factors which influence such participation. They consider the relationship between physical activity, fitness and health, and explore ways to measure their own fitness and physical activity levels.

Students' involvement in physical activity can take many forms, ranging from individual, non-competitive pursuits through to participation in competitive team games. The main focus of Physical Education is the progressive development of the key fundamental motor skills, for example throwing, catching, kicking and striking. Students progress from the development of these basic motor skills to the performance of more complex movement patterns that form parts of team games. These skills are then gradually combined with strategic thinking and tactical knowledge to improve individual and team performance.

In **Year 7** Physical Education students will participate in the following units of study: fitness testing, athletics, ball handling (skill development focus), fundamental motor skill development, and striking sports (skill development focus). The focus in **Year 8** is for students to continue to develop their ability to perform complex movements proficiently. They combine motor skills and tactical knowledge to improve their performance. Physical Education subjects are offered in the Year 9 & 10 elective program and in Senior School. Outdoor Education electives include Urban, Alpine, Marine and Coastal. Each elective allows students to develop an awareness and appreciation of these environments through safe participation in recreational activities. Students are exposed to *education in the environment*, *education about the environment* and *education for the environment*.

## **HUMANITIES LEARNING AREA**

The Humanities involve the study of human societies and environments, peoples and their customs, past and present. Humanities courses are based on the study of History, Geography, Civics and Citizenship and Economics and incorporate knowledge, concepts and skills from each discipline. At each level students' ability to apply research skills and inquiry processes, data analysis and interpretation is extended.

**Year 7** units studied include an investigation of the period 60,000 BC to 650 CE, with an in depth study of Ancient civilizations Rome and China. Students at Year 7 also study mapping, Water In The World, Place And Liveability and an introduction to the market place and financial literacy. At **Year 8** students develop their understanding of the historical period 650 CE to 1750 CE through in depth studies such as Medieval Europe, the Spanish Conquest of the Americas and Japan under the Shoguns. Students further develop their knowledge and skills through the study of geospatial skills, Landforms and Landscapes and Changing Nations. The focus in **Year 9** is on developing their knowledge of 1750 – 1918 AD. Students will learn about the Industrial Revolution, Making the Australian Nation and the Great War. Within the study of Geography students undertake a study of Biomes And Food Security and Geographies And Interconnections. **Year 10** students study 1918 to the present, beginning with World War II. They explore the causes of the war in the Pacific and the impact and involvement of Australia, focusing on the events and leaders and they investigate the outcomes of World War II. Students then examine Rights and Freedoms and The Environmental Movement. Skills and knowledge are further developed through the studies of geography and economics.

In addition Year 9 & 10 students have the opportunity to select from a range of history and commerce electives. They can continue their Humanities studies in VCE in subjects including Accounting, Business Management, History, Legal Studies & Sociology.

## **INFORMATION & COMMUNICATION TECHNOLOGY LEARNING AREA**

Every day we use Information and Communication Technologies, often without even realising it. From the traffic lights and railway boom gates that help keep us safe when we travel to the range of mobile devices that help us keep in touch with each other, ICT has become a part of our lives. In this subject we will investigate how to make the best use of these technologies and how to find and present information. We will follow the cycle of designing, producing and evaluating as we carry out research, create digital products and program the technologies. At Yarra Hills ICT is a core subject for Year 7 & Year 8 students. Year 8 students also attend specialist hands-on all day immersion programs at the new Yarra Ranges Tech School in Lilydale. These programs focus on areas like robotics and coding.

In year 9 & 10 students can select from a range of ICT electives. They are also able to continue their ICT based studies in the VCE and in VET courses

## **LANGUAGE LEARNING AREA**

Fluency in an additional language and knowledge of its culture fosters tolerance and acceptance of cultural and ethnic diversity. In an increasingly global society students who commit themselves to the study of a second language are often at an advantage in the competitive employment market.

At Yarra Hills Secondary College the study of language is compulsory at Years 7 & 8, and as an elective at Years 9 & 10. Italian and German are the languages available at the College. Students will be taught the basics of the spoken and written language, including grammar and vocabulary. A key aspect of the program is the development of cultural understanding through the study of culture.

## **MATHEMATICS LEARNING AREA**

Mathematics is a way of understanding and interacting with our world. It is about looking for patterns and using them to explain what we see. Mathematics is not always about answers, but rather the process of how we go about solving problems. It is a part of our everyday life and is an important skill in many jobs. In Mathematics students will, where appropriate, follow a mathematics program that caters for a diversity of student abilities. Pre and post testing, the use of hands-on application tasks, skills building and extension work are incorporated into each of the units studied in mathematics. The activities covered in class are also supported by online mathematics packages. In addition to the Australian National Curriculum, students investigate and develop a number of core concepts that include Number, Space and Measurement, Chance and Data, Structure and Working Mathematically. Students carry out exercises on basic mathematical concepts and practical applications. They develop strategies to solve problems of an unfamiliar nature. Reports are written on the research of mathematical issues. Information and communication technology is used to complete a range of rich, open-ended learning activities. Year 7 students investigate the world of whole numbers, fractions, decimals, percentages, geometry, measurement, mapping, time and probability. Year 8 students continue these concepts and skills and expand them to include integers, set theory, algebra, geometry, coordinates and rates. Year 9 students develop their year 8 work and add statistics, linear equations, Pythagoras and trigonometry. Year 10 students build on the previous year's work and are introduced to exponential functions and financial or business mathematics. Year 10 students have the opportunity to complete an elective, Archimedes in Action: Mathematical Thinking, to give them a head start to VCE studies in Mathematical Methods.

## **SCIENCE LEARNING AREA**

We are all curious about the world we live in, wonder why it is that way, and ask about our place in it. The goal for science at Yarra Hills is to stimulate that curiosity, wonder and questioning. Our world is faced by many challenges and it is important that our students understand those challenges, how science is changing to meet them and how this will impact on our lives.

A major goal of our science program is to develop scientifically literate citizens who are capable of taking part in intelligent debate about science and its use in our world. Our topics inspired by the Victorian Curriculum span areas of Biology, Chemistry, Physics, Earth and Space Science, Environmental Science, Health Sciences, Neuroscience and Genetics. The science classroom can be a hazardous place so there is a major focus on working safely.

Our units involve real, hands-on science such as: animal investigations using a range of animals owned by the college and cared for by the students, field-work and relevant and engaging excursions, original research and experimental design – all supported by the use of the latest technologies to help students

investigate, analyse and report.

In Year 7 students are introduced to the scientific method and investigate safe laboratory practices. They also learn about separating mixtures, the Earth's phenomenon, the water cycle, forces and motion, gravity, energy resources, classification and ecology. Year 8 students examine cells and body systems, rocks, plate tectonics and chemistry where students explore gases, liquids and solids and chemical and physical change. There is a major investigation based on energy which provides students with the opportunity to apply scientific knowledge and skills to their own lives. Year 9 students investigate more deeply into body systems and how they function as a whole, ecology, energy, chemistry and experimental design. Year 10 students prepare for three of the sciences offered at VCE, and look further into experimental design. Topics include; Biological Science, where students investigate genetics and the Theory of Evolution and "Everyday Physics" where students study the nature of motion using water rocket flight, measuring and recording flight details. The students also study the atomic structure and chemical reactions in a unit based on Chemistry. A range of science electives are also offered in Year 9 and 10 electives.

## OUR YEAR 9 & 10 ELECTIVE PROGRAM

Choice is an exciting aspect of moving through secondary school. Students select their eight elective preferences from at least thirty different electives covering a wide range of interest areas. In Year 10 students have the option to complete a VET course or start their VCE studies by joining our acceleration program. We hope that each student will approach this aspect of their educational journey with enthusiasm and a sense that they can have control over what they are studying.

Each semester students will study four electives. In each semester one of these electives must be from the Health, Physical or Outdoor Education area and one must be from the Visual Arts or Technology area. The other two electives can be from any area.

The following pages provide descriptions of each elective to assist students with the sometimes complex process of choice. Students and parents are advised to carefully read the descriptions to guide their decision making and ensure that they nominate preferences for electives that they will enjoy, that will challenge them and that will assist them in their career pathway. At school there are a number of people who can assist this important process. Our Pathways team, Head of Junior and head of senior Schools as well as subject teachers will help with guidance. Of course the adults at home, parents, family and friends will also assist. The important thing is to ask questions and to do some careful reflection about individual strengths and interests. This is a logical starting point for subject selection preferences and ultimately learning success.

Parents and students need to keep in mind that the electives which run will be determined by student choice. This means that electives with a low number of students selecting them will not run. Some electives will prove very popular so not all students who select them will be able to be placed in them. Some electives incur an additional cost to cover camps, excursions and/or the cost of materials. These electives are individually identified in the handbook.

## YEAR 9 ELECTIVE PROGRAM - MOOROOLBARK

### VISUAL ARTS & TECHNOLOGY

You must study at least **one** of these electives **each** semester.

#### **Café Food & Technology**

This is an additional cost (\$50) elective.

In this elective, students will develop the skills used in the commercial café industry. This will include investigating current food trends, food styling and menu style foods. Students also learn time management and working within a team to produce interesting meals. Students will investigate a range of design processes to solve problems that may arise in the planning and production of various foods and meals suitable to be served in a café setting. They will analyse and evaluate their designs, processes and products using set criteria.

## **Creative Drawing and Painting**

This is an additional cost (\$50) elective.

This elective provide students with the opportunity to develop a folio of drawings and paintings from direct observation and to use this knowledge and skill to develop a range of creative and imaginative artworks. Students will use the studio design process in their visual diaries to apply a range of drawing and painting media to explore a variety of class tasks. These will always incorporate a personalised approach to their learning outcomes. They will experience, analyse and discuss the ideas, images and messages of different artists working in drawing and painting materials from a range of cultures. |

## **Food in a Flash**

This is an additional cost (\$50) elective.

This elective focuses on affordable, quick to prepare, nutritious, balanced food. Students will explore a variety of food models and government campaigns involving healthy eating to improve health outcome and optimal development of adolescents. A variety of cooking processes will be utilised to build the confidence of students in regard to healthy cooking, healthy decisions and food safety in the kitchen. Convenience and processed foods will be compared to home cooking. Reading food labels, nutrient analysis; cost of food and budgeting will also be covered. Students will use the design process to investigate, design, produce and evaluate food products.

## **Food Safari**

This is an additional cost (\$50) elective.

Food Safari will take you on a culinary adventure around the world. Students will explore culture, ingredients, cooking methods and new flavours and ingredients of a new country each week, starting with indigenous Australian food. Food Safari will develop the students' competency in cooking techniques, presenting food and completing sensory analysis of food products. Students will investigate foods and festivals from around the world and follow the design process to design, produce and evaluate food products.

## **Food Studies**

This is an additional cost (\$50) elective.

Food Studies will give students the opportunity to participate in a range of practical activities to build on their knowledge and skills that will enable them to confidently prepare food for themselves and others. It will expand their knowledge of safe and hygienic practices, functional properties of food and the design process. Environmental concerns, food standards, ethics and food security will be researched and practical activities will reflect these topics. Students will develop a repertoire of healthy family recipes that they will evaluate.

## **Media**

This is an additional cost (\$50) elective.

This elective gives students skills and understanding in the making of various media products. Students will view a range of media products (i.e. television, film, photos and digital media) to explore techniques and media styles. They will create design plans and construct their own media products using digital technologies, by following the Media Production Process. They will analyse and comment on their own

work and the work of others to develop an understanding of the historical, cultural and political contexts of media production.

## **Photography 101**

This is an additional cost (\$50) elective.

This elective provides students with the opportunity to learn the practical and theoretical skills required to create successful photographs. The course explores the elements of composition with a camera and the creative possibilities that Photoshop offers. The course challenges students to develop their own personal approach to photography. Studio tasks will include recording research, planning and trialling a range of photographic techniques. Students will be required to complete a studio process, which will be based on a range of themes. A folio of finished images will also be produced. Students will study the work of photographers, their ideas and cultures and will also reflect on their own work. Students will be required to attend excursions which form the focus of imagery for their folio.

## **Print that Artwork**

This is an additional cost (\$50) elective.

Students will develop their understanding and knowledge of the many art forms that printmaking takes. Using the studio design process as a starting point, students will develop their own images. These will then be transformed into a range of printmaking forms such as drypoint etching, lino printing, silkscreen printing and stenciling will be the techniques used to communicate each student's interpretation of set tasks. A variety of materials will be used to print on and could range from different papers, card, collaged and painted papers. Students will also learn to further develop and enhance their prints with additional art materials and techniques. Students will evaluate their own printmaking images and learn to further develop their understanding of a range of traditional and contemporary printmakers.

## **Sculpture**

This is an additional cost (\$50) elective.

This elective provides students with the opportunity to develop a range of 3D experiences using assemblage and modelling techniques. Using their visual diary, students will be encouraged to use the studio design process to develop personalised designs, to increase their awareness of 3D art and culture and to think in mass, volume and space. They will trial a range of materials and practice their use in the completion of a folio of finished sculptures. Students will reflect on their own artworks and will analyse and discuss the ideas, images and messages of different artists from a range of cultures.

## **Sustainable Art**

This is an additional cost (\$50) elective.

This elective aims to provide students with the opportunity to develop an understanding of sustainability and this modern art form which ranges from 2D, 3D and installation experiences using a range of materials including recyclables. In their visual diaries, students will be encouraged to explore and develop personal statements through art using the studio process. They will increase their awareness of sustainable art and culture and be creative in using recyclable materials in their artworks. Students will create a folio of work based on a range of themes. Students will also reflect and evaluate their own work along with analysing

the ideas, images and messages of artists from a range of cultures.

## **Systems Engineering**

This is an additional cost (\$100) elective.

Students are introduced to engineering principles and applications through the investigation of basic mechanical, electrical and integrated systems. Students design, create, manage and evaluate a range of solutions for design briefs and they develop practical skills and knowledge. Safe working practices, OHS and the correct use of tools and equipment are emphasised throughout the course. A range of theoretical notes, assignments and a presentation folio of completed projects will be completed.

## **Textile Product and Design Technology**

This is an additional cost (\$50) elective.

Students will experience a wide range of creative design tasks along with hand and machine sewing techniques. They will produce design folios using the design process where they will explore new textile techniques and skills. Students will have the opportunity to design and make their own textile products using their own and commercial patterns. They will explore the origins of materials, develop and practice sustainable product development and investigate the impact of the textiles industry on the environment. They will reflect on their learning, evaluate their skills and learn to work safely in the Textiles classroom.

## **Wood Product and Design Technology**

This is an additional cost (\$50) elective.

This semester based elective introduces students to the uses of a variety of timbers in the development of client based, medium scale furniture production. Students will also explore the basics of building framing and construction techniques. Emphasis is given to the development of safe manual and power tool use and workshop practices which students are expected to demonstrate. Students will also explore the environmental impacts and sustainability practices of the timber industry.

## **Visual Communication Design**

This is an additional cost (\$50) elective.

Students study the Environmental, Industrial and Communication Design fields through the use of manual and digital drawing methods. In their visual diaries they use the design process to respond tasks. They use a range of observational, visualisation and presentation drawing methods to transform their personalised design ideas in to finished visual communication design work. Students will use a range of materials, media, and methods to make their design ideas. Design elements and design principles will be used so that their work meets the requirements of a specific design brief and target audience. Techniques used will include illustration, technical drawing, ICT use, desktop publishing and packaging construction. Students will analyse and evaluate their own work, and that of designers working in a range of design fields.

You must study at least **one** of these electives **each** semester.

## Health for Life 1

This Health Education elective allows students to further develop their knowledge of the components of health and the interrelationship of a variety of topics focusing around 'Tackling Teens'. Students will be encouraged to develop positive behaviours such as self-discipline, sound judgement, responsibility and getting along with others throughout the unit. Units studied during the course include the Components of Health, Human Growth and Development (stages of the lifespan), "Baby Think It Over" parenting simulation, Body Image, Social Media awareness, Teen Homelessness and services that are available within the immediate and wider community to assist teenagers. Students will participate in 'Community Teen Health' project focusing on a local community initiative.

## Health for Life 2

This Health Education elective allows students to further develop their knowledge of the components of health and the interrelationship of a variety of topics focusing around 'Healthy Habits'. Students will be encouraged to develop positive behaviours such as self-discipline, sound judgement, responsibility and getting along with others throughout the unit. Units studied during the course include the Components of Health, Lifestyle Diseases, Childhood Obesity, Nutrition across the Lifespan 'Food for thought', and Blood, Tissue & Organ donation.

## Physical Education 1

The Physical Education 1 elective will allow students to discover the importance of accessing sport and physical activity throughout their community. Students will participate in and research the current initiatives offered in both their immediate community and in the broader communities around Melbourne. Students will discover the roles and responsibilities in sport and how they may participate in and contribute to these, while putting them into practice through physical skill lessons within class. Students will then concentrate on coaching, both within local community teams and at an elite level. They will discover the characteristics and attributes that are needed in coaching. This subject will commence with students planning and running either a school sport team or a round robin style afternoon for a group of students at a local primary school.

## Physical Education 2

The 'Live it Up for Life' elective will help students develop a lifelong passion for physical activity and how to gain their best possible health throughout their lifespan. Students will become familiar with fitness definitions, the benefits and indicators of being physically active and how these needs change as we grow older. The National Physical Activity Guidelines will be explored in detail. Students will participate in both team and individual sports and activities which are relevant to the Lifespan stages (Childhood, Youth and Adulthood). Students will research the consequences of an inactive lifestyle and motivational strategies to maintain activity levels in a fun, healthy and safe way.

## Outdoor Education: Alpine

This is an additional cost (\$150) elective.

The focus of this elective is on alpine and forest recreation and ecosystems. This elective aims to develop within each student an awareness and appreciation of Victorian Forest and Alpine environments and participate safely in a variety of recreational pursuits. **Education in** the outdoors will be selected from: snow shoeing, cross country skiing, camping, bush walking, horse riding, tree top acrobatics, canoeing or kayaking. **Education about** the outdoors will consist of a research assignment on Yarra Ranges National Park. Minor projects will focus on threats to Wet Forest environments and endangered species. The latest news articles of Victorian Alps snow rescues and an extreme adventure case study will be explored. Students will complete class work on management strategies to keep Victorian forests natural and technological advancements of camping and hiking equipment. **Education for** the outdoors will include class work on understanding Alpine weather conditions, minimal impact forest recreation and the potential risks associated with these activities.

## Outdoor Education: Coastal

This is an additional cost (\$150) elective.

The focus of this elective is on coastal recreation and ecosystems. This elective aims to develop within each student an awareness and appreciation of Victorian natural Coastal environments and participate safely in a variety of recreational pursuits. **Education in** the outdoors will be selected from: snorkelling, beach walks, overnight coastal hike, canoeing, kayaking, surfing, sailing or stand up paddle boarding. **Education about** the outdoors will consist of a research assignment on Point Nepean National Park. Minor projects will focus on threats to natural coastal environments and endangered species. An extreme adventure case study will be explored and students will complete class work on technological advancements driving coastal recreation. **Education for** the outdoors will include class work on understanding weather maps, beach safety, first aid treatments and risk management of coastal recreational activities.

Note Outdoor Education –Marine and Urban will be offered in year 10.

## Physical Education 1

In this elective students have an opportunity to continue to development their fundamental motor skills, tactical knowledge and strategic thinking through participation in a wide variety of individual and team-sport activities. Students will consider the relationship between physical activity, fitness and health, and explore ways to measure their own fitness and physical activity levels. **Practical units** undertaken within this elective may include; Softball, Basketball, Table Tennis, Indoor Hockey, Indoor Soccer. Each practical component will be based around striking/fielding and invasion skills. **Theoretical units** undertaken include body system relationships (muscular & skeletal), classification of skills and biomechanics introduction to forces and projectiles. These will be taught through theory lessons and various laboratory activities.

## Physical Education 2

In this elective students have an opportunity to continue to development their fundamental motor skills, tactical knowledge and strategic thinking through participation in a wide variety of individual and team-sport activities. Students will consider the relationship between physical activity, fitness and health, and explore ways to measure their own fitness and physical activity levels. **Practical units** undertaken within this elective may include: AFL, Badminton, Volleyball, Touch Football, and European Handball. **Theoretical units** undertaken include introduction to cardiovascular systems, recovery strategies,

hydration and biomechanics introduction to levers. These will be taught through theory lessons and various laboratory activities.

## Smart Fitness

In Smart Fitness, students develop the knowledge and skills required to be able to accurately measure their own fitness and physical activity levels and identify factors that influence motivation to be physically active. Students will commence the subject by undertaking a fitness testing unit, which will be the focus throughout the semester via participation in a range of sporting activities developing, team participation and increasing students' skill acquisition and ball handling abilities. Students will become familiar with and participate in a wide variety of circuit training methods and its uses both within and out of a gym situation. **Practical units** undertaken within this elective include a wide variety of fitness testing and fitness training methodology. Students will participate in a variety of training styles. For example, weight training and circuit training. **Theoretical units** undertaken in this elective include the structure and function of the body systems, the meaning of fitness, fitness component definitions, and Sports Injury Management.

## Sport Around the world

Through this elective students will engage in a about a range of sports played around the world. They will participate in these sports and learn about the country of origin and culture associated with that country. A focus is placed upon topical world sporting events such as the Olympic Games or Commonwealth Games. This course has both practical and theoretical components that students will complete. During practical lessons, students play a variety of sports including Ultimate Frisbee, Korfball and Tchoukball. Students will undertake activities focused on adapting game sense and sport specific skills to different types of sports from varying countries.

## Sport Education 1

This elective provides students with an opportunity to develop their strategic thinking and tactical knowledge alongside developing advanced movement skills in a wide variety of team-sport activities. Students will be required to employ and devise skills and strategies to counter tactical challenges in game situations. Students will develop an understanding of the physical, mental, social and emotional benefits of participation in regular physical activity, and analyse factors which influence such participation. This elective compliments the interschool sporting events. **Practical units** undertaken within this elective may include: Cricket, Tennis, Volleyball, Badminton, Netball, AFL and Soccer. **Theoretical units** undertaken include characteristics of skills and stages of learning, influences on movement, motor skills development, and population trends. These will be taught through theory lessons and various laboratory activities.

## Sport Education 2

This elective provides students with an opportunity to develop their strategic thinking and tactical knowledge alongside developing advanced movement skills in a wide variety of team-sport activities. Students will be required to employ and devise skills and strategies to counter tactical challenges in game situations. Students will develop an understanding of the physical, mental, social and emotional benefits of participation in regular physical activity, and analyse factors which influence such participation. This elective compliments the interschool sporting events. **Practical units** undertaken within this elective may include: Basketball, Table Tennis, Hockey, Touch Rigby, Lacrosse and Ultimate Frisbee. **Theoretical units** undertaken include sport psychology, motivation, arousal, injury management and prevention and acute and chronic musculoskeletal injuries. These will be taught through theory lessons and various laboratory activities.

The following electives are group as "other electives", keep in mind students must in each semester

select one from both the PE/ Health Electives and one from Arts/ Technology above. Students may select more electives from above or select up to two electives each semester from those below.

## ENGLISH

### Literature

In Year 9 Literature students are introduced to a range of literary texts, they practice analysing a range of short stories and poems. They also study a novel and its film adaptation, with a focus on how the meaning of the narrative changes when the form of the text is changed.

### Writing in the Real World

Do you love writing? Have you ever written something and wanted to put it out into the world where it can be seen and appreciated by people outside your family or school community? This elective introduces young writing enthusiasts to the opportunities and requirements of writing in authentic, real-world contexts. Assessment takes the form of the development, refinement, and submission of polished work to a writing competition or appropriate publishing outlet and, as well as allowing students to extend their writing abilities in fiction or non-fiction forms of choice, the program assists students to identify suitable avenues down which to pursue their writing

## HUMANITIES

### Big Bang History

This elective explores both the science and history from the big bang until the present time. It follows the Big History Project alongside students from across the planet as many school investigate key themes simultaneously. In the elective students develop their creative and critical thinking and their historical understanding. The elective is based on ten threshold moments in history which changed the destiny of planet earth and the human societies that evolved on it. The final unit explores possibilities for the future and sustainability.

### Raiders and Rebels

From Captain Hook to captain Jack Sparrow, pirates have been popular subjects for books and films. Why have pirates long captured people's imagination? Are these fictional depictions of pirate culture based on fact? What is the true story of pirates in History? In Raiders and Rebels students study world history and geography through a new and exciting lens. In the process they acquire a greater understanding of trade, colonialism, ethnicity, nationalism, politics and even art and literature. Students in this elective research the formation of pirate fleets and study the profiles of famous privateers and pirates like William Kidd, Edward Teach and Anne Bonny. They analyse the socioeconomic and political forces that have led to the rise of piracy and the reactions of governments to this threat on the high seas.

### Law and you

The study of law introduces students to the concepts of rights and responsibilities. They will develop their understanding of their rights as well as their obligations. They will develop their knowledge about how law affects young people and how they can contribute now and in the future. They will learn about how

laws are made and the main types of law in Australian society. They will complete an investigation of criminal law and the role of the police. In this elective students will develop research and analytical skills.

## Money and Markets

In this elective students investigate 'how money makes the world go around' by considering factors that affect spending and why it is important to be an informed consumer. Students investigate the importance of personal money management and the role of budgeting and saving. They learn about the processes of consumption, production and distribution in meeting the needs and wants. They also explore how markets, enterprise and innovation affect the economy and society. An important learning experience is collaborating in teams to plan, manage and evaluate an event, for example a small business activity.

## INFORMATION COMMUNICATION & TECHNOLOGY

### Game Design and Animation

When we think of computer animation we usually think of a digital cartoon like Toy Story but computer animation is much wider than that with computer animation used in gaming, television series, blockbuster movies, science, education, marketing and more. In this elective we will investigate several methods of computer animation including motion capture and 2D and 3D animation using software such as Blender, Sketchup and Adobe Edge Animate. We will also look at the technical requirements for computer animation and the use of animation in industry.

### World Wide Web Publishing

The 'world wide web' is all around us. In this elective students develop their understanding of 'the web'. Students are involved in design activities whether it be adding apps to your Facebook page or creating a web site from scratch for a local sports club. To build effective sites on the web you need skills in programming languages, an understanding of databases, the ability to manipulate graphics, video and sound files and a good understanding of presentation techniques. We will be following the cycle of design, create, evaluate and modify as we create a live on the World Wide Web. We will be investigating the use of blogs, forms, forums and galleries to produce effective web sites.

## LOTE - LANGUAGES

### German

This is a whole year elective and must be selected in **both** semesters.

In this elective students extend their knowledge of the German language. Students participate in activities which involve communications tasks, performances and experiences. Students continue to expand their knowledge of language systems, structures and vocabulary in order to use their knowledge of the language in a widening range of contexts. They continue to build their accuracy and fluency in both speaking and writing. The course continues to develop cultural awareness. This includes popular culture and spending time developing culinary skills cooking famous national dishes.

## Italian

This is a whole year elective and must be selected in **both** semesters.

In this elective students extend their knowledge of the Italian language. Students participate in activities which involve communications tasks, performances and experiences. Students continue to expand their knowledge of language systems, structures and vocabulary in order to use their knowledge of the language in a widening range of contexts. They continue to build their accuracy and fluency in both speaking and writing. The course continues to develop cultural awareness. This includes popular culture and spending time developing culinary skills cooking famous national dishes.

## PERFORMING ARTS

### So You Think You Can Dance

Students will develop their dance technique, flexibility, fitness and co-ordination. They will experience this through learning choreographed work in a broad range of dance styles chosen for study such as Hip-Hop, Jazz, Ballet and Contemporary. They will develop a diverse range of dance, choreography and performance skills. Students will learn how to warm up, cool down, stretch correctly and have an understanding of the body through the study of anatomy. Students will see one live dance performance. Dance students will be assessed on their ability to analyse dance, learn choreography and perform small and large group dances, with an opportunity to perform their work for various audiences.

### Dance Your Way

Students will develop a diverse range of dance, choreography and performance skills. They will be introduced to the elements of Dance and use of stimulus material to assist in creating dance. They will use this knowledge to develop their own dances. They will also learn dances from various sources and choreographers. Students will focus on dance making techniques to develop their own style of movement. Students will see one live dance performance and will study the role of dance in another culture. They will choreograph and perform their own small and large group dances. Students will have the opportunity to perform their work for various audiences.

### Drama – Transform Yourself

Transforming yourself by building confidence and exploring your creative side by transforming into unique characters, is one of the many skills developed in Drama. Through acting activities and performing by exploring performance styles, creating and developing characters, relationships and situations, students develop and build on acting skills gained in previous years. They undertake workshops in specific performance styles chosen for study such as Melodrama, Commedia Del'Arte and Eclectic Theatre. Students will take part in practical workshops and create ensemble performances. Students will learn, practice and analyse the skills that are required for the different types of performance styles studied, including the production areas such as costume, lighting, set design, props. Students will view a

professional theatrical performance and analyse and evaluate the performance. Students will have the opportunity to perform their work for various audiences.

## **Theatre Production**

The emphasis in this elective is on the interpretation of playscripts and the production of plays from a variety of theatre styles and production through the ages by looking at the history of theatre. Students investigate how plays and musicals are used and portrayed on the world stage; and also how plays/musicals are studied and performed in order to understand and convey changes in society, people, environment and other issues. Students will perform in and design for a class production. Each student will research, design and apply a production area (costume, make-up, sound, lighting, set, props, directing and acting) to their interpretation of the chosen script and perform for an audience. Students also have the opportunity to contribute to the annual school production such as set painting, props, costumes, lighting, sound and backstage. Students will attend a professional theatrical performance and analyse and evaluate the performance as well as their own production.

## **Music Performance 1**

This is a whole year elective and must be selected in **both** semesters.

Music Performance is an elective that develops young musicians into better instrumentalists, performers and listeners of Music. Music Performance classwork has a strong practical focus, with practical performance work dedicated to refining and developing Performance Skills on students selected instruments through many performance opportunities. Classwork also focuses on developing fundamental Musicianship Skills such as aural recognition of intervals, chords, scales, rhythm and melodic dictation, with an intention of further strengthening students' musical knowledge and performance skills. There is also a strong focus on Listening and Analysis of Music through a frame of The Elements of Music, with students developing skills to discuss and interpret music from different styles, cultures, and historical viewpoints. It is recommended that students undertaking this subject have a background in Music through either the Schools Instrumental Music Program, or experience externally learning an instrument independently outside of school.

## **Music Performance 2**

This is a whole year elective and must be selected in **both** semesters.

Music Performance develops young musicians into better instrumentalists, performers and listeners of Music. Music Performance classwork has a strong practical focus, with students developing successful practice habits that contribute to successful performances. Students will explore the fundamentals of songwriting and composition, writing songs and music for film. They will also learn about recording techniques and software, and the contemporary Music Industry. It is strongly recommended that students have a background in Music through either the Schools instrumental program, or experience externally learning an instrument independently outside of school.

## SCIENCE

### Animal and Environmental Studies

The elective will work hands on with the College Animals. You will get regular opportunities to handle the animals, feed them, maintain their enclosures, learn about their optimal living environments and perform various tests to make sure we are providing them with their needs. You will explore Linnaeus Classification and how this relates to our animals. You will look at how changes to the environment can affect living organisms in the wild, and learn of some very weird and wonderful animals that inhabit our planet.

### Forensic Science

The elective looks at the science behind forensic investigations. This is a highly practical based elective aimed at developing an understanding of Forensic Science, the study of crimes. You will examine various forensic techniques which may include fingerprinting, hair analysis, ballistics, blood identification, grouping and splash patterns, autopsies, bones and teeth, entomology (bugs) and DNA comparisons. How is all this science going to help investigators solve crimes? Join the Forensic class and find out.

### Psychology in Action

Ever considered studying Psychology in VCE but not really sure what it's all about? Then read on! Psychology in Action will set you up with a sound knowledge base and skill set to prepare you for the study of Psychology at the VCE level, and have fun whilst doing it! We will explore the workings of the human brain, mental health and a variety of fields of Psychology. You will have the opportunity to take part in, design and conduct a variety of Psychological investigations, and report back on your findings.

## OTHER ELECTIVES

### Advance: Community Leadership

This is a whole year elective and must be selected in **both** semesters.

Advance is offered to Year 9 students as a year-long elective. The course is activity based and allows students to experience a variety of activities while also building skills which they will be able to transfer to a variety of other situations. Advance is a 'hands-on' course aiming to foster: Leadership; Teamwork; Understanding of community; Community Service and Self-reliance. Students form teams and rotate leadership of the teams. They negotiate with the community partner or other organisations for excursions, speakers and activities. The skills developed and the knowledge gained are widely respected in the community and achievements are acknowledged with certificate

# YEAR 10 ELECTIVE PROGRAM - MOOROOLBARK

## VISUAL ARTS AND TECHNOLOGY

**You must study at least one of these electives each semester.**

### **Bakers' Delight**

This is an additional cost (\$50) elective.

This elective centres around the bakery industry focusing on yeast goods, pastries, biscuits and small cakes, and the complex processes needed to make baked goods. The functional properties of ingredients will be explored, and students will become familiar with processes such as gelatinisation, caramelisation and the Maillard Reaction. Students will understand the science of food and the necessity of measuring accurately. Students will experience many facets of the bakery industry including health and safety in the workplace, local Government regulations while improving their baking skills.

### **Cake 'n' Bake Technology**

This is an additional cost (\$50) elective.

Students will investigate and learn a variety of cake making and decorating skills and techniques, which they will display in a folio. The design process will feature throughout the course to assist with the research in relation to all food products. Students will produce design briefs related to their individual baked goods and the semester will culminate in the design, production and evaluation of a decorated celebration cake.

### **Ceramics 1**

This is an additional cost (\$50) elective. To provide access to a full range of specialist resources this elective will be studied at our ME campus. Students will travel in the school bus.

This elective give students the opportunity to experience a wide range of sculptural and industrial ceramics. It covers large scale hand building, slip-casting and wheel work as well as many of the possible decorative techniques. Students use the studio design process to plan and record ideas for finished ceramic functional and non-functional artworks. A folio of completed ceramics work will be produced. Students study the physical properties of clay and technical processes that working and firing clay involves, investigate the work of current ceramic artists and reflect on the development of their own work.

### **Ceramics 2**

This is an additional cost (\$50) elective. To provide access to a full range of specialist resources this elective will be studied at our ME campus. Students will travel in the school bus.

This elective give students the opportunity to experience a wide range of sculptural and industrial ceramics. Students who have completed Ceramics 1 will be able to build on their skills in the areas covered by the course. It covers large scale hand building, slip-casting and wheel work as well as many of the possible decorative techniques. Students use the studio design process to plan and record ideas for finished ceramic functional and non-functional artworks. A folio of completed ceramics work will be produced. Students study the physical properties of clay and technical processes that working and firing

clay involves, investigate the work of current ceramic artists and reflect on the development of their own work

## **Creative Drawing and Painting**

This is an additional cost (\$50) elective.

This elective provides students with the opportunity to further develop and refine their drawing and painting skills from direct observation and to use this knowledge and skill to develop a range of creative and imaginative artworks. Using the studio design process students will also learn to develop successful compositions and apply a range of drawing and painting media to explore a variety of class tasks which will always incorporate a personalised approach to their learning outcomes. Students will practice painting and drawing on a variety of papers and will complete acrylic painting on canvas. They will experience, analyse and discuss the ideas, images and messages of different artists working in drawing and painting materials.

## **Creative Photography**

This is an additional cost (\$50) elective.

In this elective students learn and apply the practical and theoretical, aesthetic skills required to create successful photographs. They explore concepts of composition, point of view and framing in addition to lighting, both natural and artificial, to resolve ideas. Students will use a range of Photoshop tools to resolve their images according to their personalised themes. Students will need to present a studio process that includes exploring and analysing relevant photographers and artworks for inspiration, generating ideas, trialling techniques and exploring possible presentation ideas to resolve their design ideas. Additionally, they will need to present a folio containing images based on a range of themes and reflect on their own work. They will analyse the work of photographers and their historical and cultural contexts. Students will be required to attend excursions which will form the focus of their folio.

## **Food Studies**

This is an additional cost (\$50) elective.

Students will extend their knowledge and skills in regard to appropriate food choices, use of food processes and safe use of tools. The use of the design process will be further developed to assist students to solve more complex problems relevant to food preparation. The students' decision making skills will be challenged through their research and practical activities as they become more aware of factors regarding sustainability and the global impact of food choices. They will gain more extensive knowledge of the sensory properties of foods and further extend their vocabulary relevant to foods and preparation processes.

## **Hospitality**

This is an additional cost (\$50) elective.

Students are introduced to the hospitality industry which includes the many responsibilities associated with commercial kitchens. They will explore kitchen safety and hygiene as well as personal hygiene practices as used in a commercial setting. They will use a wide variety of kitchen tools and equipment in the design and production of a variety of restaurant quality meals. The duties of front and back of house are explored and experienced by all students such as table setting, menu development and cooking in large quantities with a focus on a high quality professional presentation.

## **Media**

This is an additional cost (\$50) elective.

In year 10 Media, students will view a range of media products (i.e. television, film, photos and digital media) to explore techniques and media styles. They will design and produce their own media products in different forms, with consideration for their intended audience. Throughout this elective, students will learn about specific roles of media creators and they themselves will take on these roles. They will investigate and interpret the Media's influence on society by conducting a research project. They will analyse and comment on their own work and the work of others to develop an understanding of the historical, cultural and political contexts of media production.

## **Print that Artwork**

This is an additional cost (\$50) elective.

Print that artwork will further develop and extend student's understanding and knowledge of the many art forms that printmaking takes. Using the studio design process in their visual diary as a starting point, students will develop personalised images that are then transformed into a variety of printmaking forms. A range of printmaking tasks will be undertaken and may include drypoint etching, lino printing, silkscreen prints and stencilling and will be used to communicate each student's interpretation of set tasks. A variety of materials will be used to print on and could range from different papers, card, collaged and painted papers and fabric (t-shirts). Students will evaluate their own printmaking editions and further develop their understanding of a range of traditional and contemporary printmakers.

## **Sculpture**

This is an additional cost (\$50) elective.

Students will further develop and extend their understanding and knowledge of the many art forms that sculpture can take. They will investigate a range of 3- Dimensional sculptural forms that incorporate assemblage and modelling techniques. Using the studio design process, students will develop personalised designs, trial a range of media and develop the ability to communicate their design ideas in mass, volume and space. Students will gain understanding of the impact of new technologies on the practice of Art along with aspects of sustainability. They will experience, analyse and discuss the ideas, images and messages of different artists from a range of cultures.

## **Sustainable Art**

This elective aims to provide students with the opportunity to develop an understanding of sustainability and this modern art form which ranges from 2D, 3D and installation experiences using a range of materials, including recyclables. In their visual diaries, students will be encouraged to explore and develop personal statements through art using the studio process. They will increase their awareness of sustainable art and culture and be creative in using recyclable materials in their artworks. Students will create a folio of work based on a range of themes. Students will also reflect and evaluate their own work along with analysing the ideas, images and messages of artists from a range of cultures.

## **Systems Engineering**

This is an additional cost (\$100) elective.

Students' knowledge and skills are developed further in engineering principles and applications, through investigations of mechanical, electrical, solar and integrated systems. Students will design, create, manage and evaluate a range of solutions for design briefs and they will extend their practical skills and knowledge. Safe working practices, OHS and the correct use of tools and equipment are emphasised throughout the course. A range of theoretical notes, assignments and a presentation folio of completed projects will be completed.

## **Textile Product Design & Technology**

This is an additional cost (\$50) elective.

Students will produce design folios exploring new textile techniques and skills. Students will have the opportunity to design their own original textiles products in relation to a design brief. They will learn a range of hand and machine sewing skills and apply these skills to construct their own product using a commercial pattern. They will research and investigate the history and uses of natural and synthetic fibres. Students will consider and explore aspects of sustainability and ethics in the textiles industry. Students will reflect on their own learning through self-evaluation tasks and learn to work safely in the Textiles classroom.

## **Visual Communication Design 1**

This is an additional cost (\$50) elective.

Students study the Environmental, Industrial and Communication Design fields through the use of manual and digital drawing methods. In their visual diaries they use the design process to respond tasks. They use a range of observational, visualisation and presentation drawing methods to transform their personalised design ideas in to finished visual communication design work. Students will use a range of materials, media, and methods to make their design ideas. Design elements and design principles will be used so that their work meets the requirements of a specific design brief and target audience. Techniques used will include illustration, technical drawing, ICT use, desktop publishing and packaging construction. Students will analyse and evaluate their own work, and that of designers working in a range of design fields.

## **Visual Communication Design 2**

This is an additional cost (\$50) elective.

Students will further develop and extend their understanding of Environmental, Industrial and Communication Design fields through the use of manual and digital drawing methods, in this extension class. In visual diaries they use the design process to respond to design brief tasks. Using a range of observational, visualisation and presentation drawing methods they transform their design ideas to finished visual communication design presentations. They use a range of materials, media and methods to make their design ideas. Increased understanding, knowledge & application of design elements & design principles will be required so that their work meets the requirements of a design brief. Techniques used will include freehand and digital illustration, technical drawing, ICT use, and packaging construction. Students will analyse and evaluate their work and that of designers in a range of design fields.

## Wood Product Design and Technology

This is an additional cost (\$50) elective.

This elective further develops and extends student's knowledge of the uses of a variety of timbers. Students use the design process to develop client-based, medium scale furniture production. Students will also explore the basics of building framing and construction techniques. Emphasis is given to the development of safe manual and power tool use and workshop practices which students are expected to demonstrate. Students will also explore the environmental impacts and sustainability practices of the timber industry.

## HEALTH, PHYSICAL & OUTDOOR EDUCATION

You must study at least one of these electives each semester.

### Global Health 1

This Health Education elective allows students to further develop their knowledge of health in a global context. What is Global Health? What is globalisation? How are people interconnected around the world? What does it mean to be a Global Citizen? What are the advantages and disadvantages of globalisation? What are the physical and human factors of global inequality? Students will investigate how these global issues interact and impact on the health and human development of the world's citizens. How important is water for human development? What are the water issues facing our world? How do communities respond to water issues. What impact do disasters have on our health and the development of the globe? How do we respond to disasters to ensure our health and development continues to flourish?

### Global Health 2

This Health Education elective allows students to further develop their knowledge of health in a global context. This elective focuses on a number of our Human Rights and how they relate to the dimensions of health. How different communities protect these rights and how many of them are exploited. What are child rights? How are they protected? What is food security? What are the causes of food insecurity? What are global organisations doing to address food insecurity? Students investigate a variety of homes around the world. They consider how geographic, environmental, cultural and economic factors influence the way homes are designed, the building materials used and what is inside. Students will investigate how these global issues interact and impact on the health and human development of the world's citizens.

### Outdoor Education: Marine

This is an additional cost (\$150) elective.

This elective aims to develop within each student an awareness and appreciation of Victorian Marine and Aquatic ecosystems and participate safely in a variety of recreational pursuits. **Education in** the outdoors will be selected from: boating, sailing, snorkelling, beach walks, overnight coastal hike, canoeing, kayaking, surfing or stand up paddle boarding. **Education about** the outdoors will consist of a research assignment on Victoria's Marine National Parks and Reserves. Minor projects will focus on threats to Marine environments and endangered species in our oceans. The latest news articles of marine rescues and an extreme adventure case study will be explored. Students will complete class work on climate change and management strategies to protect marine environment. **Education for** the outdoors will include class work on understanding ocean conditions such as swells, tides, rips and currents, potential

risks associated with aquatic activities and water rescue.

## Outdoor Education: Urban

This is an additional cost (\$150) elective.

This elective aims to develop within each student an awareness and appreciation of local outdoor environments and participate safely in a variety of recreational pursuits with a focus on urban recreation and modified natural environments. **Education in** the outdoors will be selected from: mountain bike riding, snow exploration, indoor rock climbing, city navigation, camping, bush walking, horse riding, tree top acrobatics, canoeing or kayaking. **Education about** the outdoors will consist of a research assignment on The Dandenong Ranges National Park. Minor projects will focus on manmade natural environments, threats to remaining natural environments and feral animals. Students will complete class work on extreme urban recreation, local interest groups, World Heritage and human influences on the Yarra River. **Education for** the outdoors will include class work on recreational skills and safety, urban first aid scenarios and being well prepared and self-reliant for a day in the urban outdoors.

## Physical Education 3

In this elective students have an opportunity to continue to development their fundamental motor skills, tactical knowledge and strategic thinking through participation in a wide variety of individual and team-sport activities. Students will consider the relationship between physical activity, fitness and health, and explore ways to measure their own fitness and physical activity levels. **Practical units** undertaken within this elective may include; Volleyball, Netball, Tennis, Soccer, Hockey and AFL. **Theoretical units** undertaken include Introduction to Biomechanics (force, summation of force, inertia, and impulse), Stability in equilibrium, Newton's laws of motion and projectile motion. These will be taught through theory lessons and various laboratory activities.

## Physical Education 4

In this elective students have an opportunity to continue to development their fundamental motor skills, tactical knowledge and strategic thinking through participation in a wide variety of individual and team-sport activities. Students will consider the relationship between physical activity, fitness and health, and explore ways to measure their own fitness and physical activity levels. **Practical units** undertaken within this elective may include; Netball, Korfbal, Softball, Basketball and Touch Rugby. **Theoretical units** undertaken include Introduction to Energy Systems (ATP-PC, Anaerobic Glycolysis & Aerobic System), Food fuels and training to improve the energy systems. These will be taught through theory lessons and various laboratory activities.

## Sport & Recreation 1

This elective provides students with an opportunity to develop their skills and knowledge that will enhance their understanding of the sport and recreation industries. Students will be required to examine initiatives aimed to enhance the health and wellbeing of community groups. Students will be required to design, implement and evaluate personalised plans for improving and maintaining physical activity and fitness levels. **Practical units** include team sports, individual pursuits and recreational activities where students will visit a number of local recreation facilities which may include lawn bowls, local gym facility, mini golf, roller skating, swimming pool, Lilydale Lake, or a visit to the 1000 steps walk. **Theoretical units** will include healthy lifestyles, fitness programs, and promotion of participation in sport and recreation industries.

## Sport & Recreation 2

This elective provides students with an opportunity to develop their skills and knowledge that will enhance their understanding of the sport and recreation industries. Students will be required to examine the physical, health, social, mental and emotional benefits of physical activity and the health risks associated with inactivity and sedentary behaviour. Students will undertake, implement and evaluate effective sports coaching and training principles. **Practical units** include team sports, individual pursuits and recreational activities where students will visit a number of local recreation facilities which may include lawn bowls, local gym facility, mini golf, roller skating, swimming pool, Lilydale Lake, or a visit to the 1000 steps walk. **Theoretical units** will include healthy lifestyles, physical inactivity and sedentary behaviour and sports coaching.

## Sport Education 3

This elective provides students with an opportunity to develop their strategic thinking and tactical knowledge alongside developing advanced movement skills in a wide variety of team-sport activities. Students will be required to employ and devise skills and strategies to counter tactical challenges in game situations. Students will develop an understanding of the physical, mental, social and emotional benefits of participation in regular physical activity, and analyse factors which influence such participation. This elective compliments the interschool sporting events. **Practical units** undertaken within this elective may include: Cricket, Basketball, Indoor Soccer, Netball, Lacrosse, Softball and Bocce. **Theoretical units** undertaken include a Musculoskeletal review, circulatory and respiratory systems, acute and chronic responses to exercise and disabled sport education. These will be taught through theory lessons and various laboratory activities.

## Sport Education 4

This elective provides students with an opportunity to develop their strategic thinking and tactical knowledge alongside developing advanced movement skills in a wide variety of team-sport activities. Students will be required to employ and devise skills and strategies to counter tactical challenges in game situations. Students will develop an understanding of the physical, mental, social and emotional benefits of participation in regular physical activity, and analyse factors which influence such participation. This elective compliments the interschool sporting events. **Practical units** undertaken within this elective may include: Table Tennis, Basketball, Volleyball, Gaelic Football, Netball and European Handball. **Theoretical units** undertaken include cardiorespiratory review, performance enhancing aids – legal and illegal and ethical and cultural considerations within sport and fair play. These will be taught through theory lessons and various laboratory activities.

# ENGLISH

## Literature

In Year 10 Literature students are introduced to literary theory, and practice analysing a range of fairy tales through Marxist, feminist and psychoanalytical lenses. They also study a novel and its film adaptation, with a focus on how the meaning of the narrative changes when the form of the text is changed. This elective advisable for students considering completing VCE studies in Literature.

## Writing for the Real World

Students are encouraged to write in a range of styles, including fiction, poetry and opinion, to workshop their writing with their peers, and to finalise pieces of writing for real purposes by writing pitches and seeking publication opportunities. Students will also collaborate to create a class publication, curating their best writing.

## HUMANITIES

### Introduction to Australian Politics

How are decisions made in Australia? Who makes them? How does this affect us? What makes a good leader? From global conflict to personal scandals, who are the politicians changing our country? In 'An Introduction to Australian Politics', you will learn about current political issues that impact young people, how our voting system works, and how our views are shaped by the media. You will also compare Australia's political system with others around the world. You will compare your own views with the views of major political parties, and study the way social campaigns are developed.

### Philosophy: Matters of the Mind

What is freedom? What does it mean to have a good life? In Matters of the Mind, students will explore and discuss ideas about ethics, religion, life, death and time. If you enjoy critical thinking, class discussion and ethical dilemmas, this is the class for you. Students will also research key philosophers throughout history, and learn about how their research has shaped the way that we see the world.

## INFORMATION COMMUNICATION & TECHNOLOGY

### Artificial Intelligence Programming

In this elective students will investigate a range of issues related to A. I. (Artificial Intelligence). This includes finding out exactly what A. I. is and where it is used. They will consider challenges and opportunities created by A. I. as well as possible applications for A. I. in the future. Using Python programming students will build simple networks, like games, to develop their knowledge of and skills in real world machine learning.

### Robotics

In this elective students will be working with Raspberry Pi a full Windows and Linux-based computer the size of a credit card! Students will undertake programming projects that involve using the Raspberry Pi to gather data from external sources to build and control objects such as motors and switches. They will work collaboratively to use the technology to solve problems and in the process develop their problem solving skills and creativity.

## LOTE - LANGUAGES

### German

This is a whole year elective and must be selected in **both** semesters.

In this elective students extend their knowledge of the German language. Students participate in a activities which involve communications tasks, performances and experiences. Students continue to expand their knowledge of language systems, structures and vocabulary in order to use their knowledge of the language in a widening range of contexts. They continue to build their accuracy and fluency in both speaking and writing. The course continues to develop cultural awareness. This includes popular culture and spending time developing culinary skills cooking famous national dishes.

### Italian

This is a whole year elective and must be selected in **both** semesters.

In this elective students extend their knowledge of the Italian language. Students participate in a activities which involve communications tasks, performances and experiences. Students continue to expand their knowledge of language systems, structures and vocabulary in order to use their knowledge of the language in a widening range of contexts. They continue to build their accuracy and fluency in both speaking and writing. The course continues to develop cultural awareness. This includes popular culture and spending time developing culinary skills cooking famous national dishes.

## MATHEMATICS

### Archimedes in Action – Mathematical Thinking

This elective is designed to develop the knowledge and skills of students who are considering studying Maths Methods in VCE. An important focus of the elective will be extension work in number and algebra. Students will be challenged to develop their mathematical thinking, problem solving and creativity. Students will learn how to apply powerful programs like Wolfram's "Mathematica" to quickly and accurately solve maths problems in algebra, calculus and physics. They will explore data visualisation software and use software tools that will help you create spectacularly detailed graphs and charts for your VCE maths and science subjects. In addition they will immerse themselves and their thinking in simulation programs like Kirbal space program and Space Engine to better understand 3D geometry. They will use the Python programming language to explore puzzles and mine data. While this is a standalone elective it has strong links to the Techno-Wizard 101 elective.

### Techno-wizard 101

This is a computational thinking and data visualisation electives that will challenge you to think and problem solve. You will learn how to apply powerful programs like Wolfram's "Mathematica" to quickly and accurately solve maths problems in algebra, calculus and physics. You will explore data visualisation software and use software tools that will help you create spectacularly detailed graphs and charts for

your VCE maths and science subjects. You will explore simulation programs like Kirbal space program and Space Engine to better understand 3D geometry. You will use the Python programming language to explore puzzles and mine data. Get ready to start thinking! While this elective can be completed in isolation links will be made to Archimedes in Action – Mathematical Thinking in semester 2. Together these electives aim to challenge and support students and prepare them for studies in Maths Methods & Science subjects.

## PERFORMING ARTS

### Dance Your Way

This elective gives students the opportunity to choreograph their own dances for a variety of people and situations. The elective is suitable for students who did not study Dance in Year 9. Students will develop and apply their choreography skills, to create new dance works. They will also learn dances from various sources and choreographers. Students will focus on dance making techniques and the elements of dance to develop their own style of movement. They will reflect on and appreciate their own work and the work of others. Students will see one live dance performance. They will choreograph and perform group dances and a solo piece. Students will have the opportunity to perform their work for various audiences.

### Drama – Acting For The Stage

This is a combined elective. Students from our Mooroolbark campus will be travelling to our Mount Evelyn campus. Students will travel in the school bus.

The emphasis in this elective is stage acting and performing, developing and building on acting skills gained in previous years such as voice, movement, creating character, improvisation, and performance styles chosen for study such as Melodrama, Commedia Del' Arte, Naturalism and Eclectic Theatre styles. The main study is on the different acting styles and students will learn, practice and analyse the skills that are required for this type of performance work, which is the focus of VCE Drama. This gives Year 10 students wishing to continue the subject in VCE an introduction to some of the performance styles studied. Students will take part in an ensemble performance, including all preparation such as rehearsing, writing, directing, acting and production elements. Students will view a professional theatrical performance and analyse and evaluate the performance. Students will have the opportunity to perform their work for various audiences.

### Music Performance 3

This is a whole year elective and must be selected in **both** semesters.

Music Performance is an elective subject which delves deeper into the concepts of Performance. Music Performance has a strong practical focus, with practical performance opportunities allowing students to develop their musical knowledge and technical skills on their selected instruments. Students study and interpret music in detail from different styles, cultures, and historical viewpoints through listening and analysis. They then apply this knowledge of music through practice and Performance. It aims to develop experienced musician's knowledge, skills and understanding of music, as well as prepare students if they wish to continue their study in Music at the VCE level. Students selecting this elective must have a background in Music through either the Schools instrumental program, or experience externally learning an

instrument independently or outside of school, as students need to specialise in a selected instrument for the duration of this course.

## **Music Performance 4**

This is a whole year elective and must be selected in **both** semesters.

In the semester 2 students continue to refine their understanding of the concepts of Performance, Musicianship, Improvisation and Composition. It aims to develop and refine experienced musician's knowledge, skills and understanding of music, as well as prepare them if they wish to continue their study in Music at the VCE level. Students study and interpret music in depth through analysis of theoretical components, historical and cultural viewpoints. They apply this understanding through the areas of Performance, Composition and Improvisation, as well as learn to manipulate the Elements of Music and Compositional Devices within their own instrumental practice. Music Performance has a strong practical focus, with Practical performance opportunities allowing students to continue developing their musical knowledge and technical skills on their selected instruments, using these skills to assist them in their interpretation of music when performing. Students undertaking this subject have a background in Music through either the Schools instrumental program, or experience externally learning an instrument independently or outside of school, as students need to specialise in a selected instrument for the duration of this course. Students selecting this elective must have studied Music Performance 3 in semester 1.

## **So You Think You Can Dance**

This elective gives students in Year 10 the opportunity to develop their dance technique, flexibility, fitness and co-ordination. Students who did not complete the elective in year 9 can still participate in all aspects of this elective. Students learn a broad range of dance styles chosen for study such as Hip Hop, Jazz, Contemporary, Latin American and Musical Theatre. They will reflect on and appreciate their own work progress and the work of others. Students will see one live dance performance. Students will look at various dance techniques used by various choreographers. They will demonstrate their technique through performance and perform small and large group dances and/or a solo piece.

## **Theatre Production**

To provide access to a full range of specialist resources this elective will be studied at our ME campus. Students will travel in the school bus.

The emphasis in this elective is to present a class production based on the interpretation of playscripts and the production of plays and musicals from a variety of theatre styles. Students investigate how plays and musicals are used and portrayed on the world stage; and also how plays are studied and performed in order to understand and convey changes in society, people, environment and other issues. Students will undertake workshops on the different production areas and then apply their production skills (costume, make-up, sound, lighting, set, props, directing and acting) to their interpretation of the script for the class production. They will then present their class production. Students will attend a professional theatrical performance and analyse and evaluate the performance as well as their own productions.

Students also have the opportunity to contribute to the school production such as set painting, props, costumes, lighting, sound and backstage.

## OTHER ELECTIVES

### Driver Education

This is an additional cost (\$250) elective. This cost includes participation in the METEC program.

This elective concentrates on educating young people on all aspects of road safety and driving a car. Students study basic road laws using 'Road to Solo Driving', how to obtain a licence and appropriate attitudes relating to driving. We study in detail the hazards confronting young drivers such as drugs and alcohol, speed, fatigue, mobile phones as well as sharing the road with other drivers. Students participate in a 12 hour course at METEC where both theory and practical knowledge is gained in regard to road law, road safety and driving a manual car. We also link with other valuable agencies such as TAC and the Road Trauma Support Group to provide up to date knowledge to ensure they become responsible drivers in the future.

## VCE (Victorian Certificate of Education) subjects & VET (Vocational Education & Training) Courses

The unit 1 & 2 VCE subjects offered to Year 10 students next year are not known at the time of this handbook publication: In 2019 four VCE subjects were offered during this block. Full details on VCE subjects are in the Senior School Handbook available on our website. See Director of Teaching & Learning, for further details.

A range of VET courses are offered to Year 10 students. VET Auto is offered at Yarra Hills while other courses are offered at local schools. Contact our Director of Pathways, for further information and additional copies of relevant documents. A separate application for VET needs to be completed. Note that the external timeline for VET applications is very short. Students and parents are strongly advised to use the information in the power point to research and clarify their thinking.

## YEARS 9 & 10 ELECTIVE PROGRAM – MOUNT EVELYN

At our Mount Evelyn Campus, students in years 9 and 10 combine for most electives in order to offer a wider range of options. Two of the eight electives blocks – blocks D and H are Year 9 and Year 10 only electives this is to allow for students to engage in VET or for year 10 students to travel to Mooroolbark campus to complete VCE units 1 and 2. During these blocks Year 10 students will have three lessons a week whilst year Nine students will have two.

To avoid confusion if the electives are for year 9 or year 10 only they will have a blue highlighted section that states Year 9 only or Year 10 only.

You must study at least **one** of these electives **each** semester.

## **Café Foods**

This is an additional cost (\$50) elective.

In this elective, students will develop the skills used in the commercial café industry. This will include investigating current food trends, food styling and menu style foods. Students also learn time management and working within a team to produce interesting meals. Students will investigate a range of design processes to solve problems that may arise in the planning and production of various foods and meals suitable to be served in a café setting. They will analyse and evaluate their designs, processes and products using set criteria.

## **Cake 'n' Bake Technology**

This is an additional cost (\$50) elective.

Students will investigate and learn a variety of cake making and decorating skills and techniques, which they will display in a folio. The design process will feature throughout the course to assist with the research in relation to all food products. Students will produce design briefs related to their individual baked goods and the semester will culminate in the design, production and evaluation of a decorated celebration cake.

## **Ceramics 1**

This is an additional cost (\$50) elective. This is a combined campus elective. Students from our Mooroolbark campus will be travelling to ME to study this elective.

This elective give students the opportunity to experience a wide range of sculptural and industrial ceramics. It covers large scale hand building, slip-casting and wheel work as well as many of the possible decorative techniques. Students use the studio design process to plan and record ideas for finished ceramic functional and non-functional artworks. A folio of completed ceramics work will be produced. Students study the physical properties of clay and technical processes that working and firing clay involves, investigate the work of current ceramic artists and reflect on the development of their own work.

## **Ceramics 2**

This is an additional cost (\$50) elective. This is a combined campus elective. Students from our Mooroolbark campus will be travelling to ME to study this elective.

This elective give students the opportunity to experience a wide range of sculptural and industrial ceramics. Students who have completed Ceramics 1 will be able to build on their skills in the areas covered by the course. It covers large scale hand building, slip-casting and wheel work as well as many of the possible decorative techniques. Students use the studio design process to plan and record ideas for finished ceramic functional and non-functional artworks. A folio of completed ceramics work will be produced. Students study the physical properties of clay and technical processes that working and firing clay involves, investigate the work of current ceramic artists and reflect on the development of their own

work.

## **Creative Drawing and Painting - YEAR 9 ONLY**

This is an additional cost (\$50) elective.

This elective provides students with the opportunity to further develop and refine their drawing and painting skills from direct observation and to use this knowledge and skill to develop a range of creative and imaginative artworks. Using the studio design process students will also learn to develop successful compositions and apply a range of drawing and painting media to explore a variety of class tasks which will always incorporate a personalised approach to their learning outcomes. Students will practice painting and drawing on a variety of papers and will complete acrylic painting on canvas. They will experience, analyse and discuss the ideas, images and messages of different artists working in drawing and painting materials.

## **Creative Photography**

This is an additional cost (\$50) elective.

In this elective students learn and apply the practical and theoretical, aesthetic skills required to create successful photographs. They explore concepts of composition, point of view and framing in addition to lighting, both natural and artificial, to resolve ideas. Students will use a range of Photoshop tools to resolve their images according to their personalised themes. Students will need to present a studio process that includes exploring and analysing relevant photographers and artworks for inspiration, generating ideas, trialling techniques and exploring possible presentation ideas to resolve their design ideas. Additionally, they will need to present a folio containing images based on a range of themes and reflect on their own work. They will analyse the work of photographers and their historical and cultural contexts. Students will be required to attend excursions which will form the focus of their folio.

## **Food in a Flash**

This is an additional cost (\$50) elective.

This elective focuses on affordable, quick to prepare, nutritious, balanced food. Students will explore a variety of food models and government campaigns involving healthy eating to improve health outcomes and optimal development of adolescents. A variety of cooking processes will be utilised to build the confidence of students in regard to healthy cooking, healthy decisions and food safety in the kitchen. Convenience and processed foods will be compared to home cooking. Reading food labels, nutrient analysis; cost of food and budgeting will also be covered. Students will use the design process to investigate, design, produce and evaluate food products.

## **Food Studies**

This is an additional cost (\$50) elective.

Students will extend their knowledge and skills in regard to appropriate food choices, use of food processes and safe use of tools. The use of the design process will be further developed to assist

students to solve more complex problems relevant to food preparation. The students' decision making skills will be challenged through their research and practical activities as they become more aware of factors regarding sustainability and the global impact of food choices. They will gain more extensive knowledge of the sensory properties of foods and further extend their vocabulary relevant to foods and preparation processes.

## **Media**

This is an additional cost (\$50) elective.

This elective is designed to give students skills and understanding in the making of various media products. Students will view a range of media products (i.e. television, film, photos and digital media) to explore techniques and media styles. They will create design plans and construct their own media products using digital technologies, by following the Media Production Process. They will analyse and comment on their own work and the work of others to develop an understanding of the historical, cultural and political contexts of media production.

### **Print that Artwork - YEAR 9 ONLY**

This is an additional cost (\$50) elective.

Students develop their understanding and knowledge of the many art forms that printmaking takes. Using the studio design process as a starting point, students develop their own images. These will be transformed into a range of printmaking forms such as etching, lino printing, silkscreen printing and stencilling to communicate each student's interpretation of set tasks. A variety of materials will be used to print on and range from card, collaged and painted papers. Students will learn to enhance their prints with additional art materials and techniques. Students will evaluate their own printmaking images and learn to further develop their understanding of a range of traditional and contemporary printmakers.

### **Sculpture - YEAR 10 ONLY**

This is an additional cost (\$50) elective.

Students will further develop and extend their understanding and knowledge of the many art forms that sculpture can take. They will investigate a range of 3- Dimensional sculptural forms that incorporate assemblage and modelling techniques. Using the studio design process, students will develop personalised designs, trial a range of media and develop the ability to communicate their design ideas in mass, volume and space. Students will gain understanding of the impact of new technologies on the practice of Art along with aspects of sustainability. They will experience, analyse and discuss the ideas, images and messages of different artists from a range of cultures.

### **Sustainable Art - YEAR 10 ONLY**

This elective aims to provide students with the opportunity to develop an understanding of sustainability and this modern art form which ranges from 2D, 3D and installation experiences using a range of materials, including recyclables. In their visual diaries, students will be encouraged to explore and develop personal statements through art using the studio process. They will increase their awareness of sustainable art and culture and be creative in using recyclable materials in their artworks. Students will

create a folio of work based on a range of themes. Students will also reflect and evaluate their own work along with analysing the ideas, images and messages of artists from a range of cultures.

## **Systems Engineering - YEAR 9 ONLY**

This is an additional cost (\$100) elective.

Students are introduced to engineering principles and applications through the investigation of basic mechanical, electrical and integrated systems. Students design, create, manage and evaluate a range of solutions for design briefs and they develop practical skills and knowledge. Safe working practices, OHS and the correct use of tools and equipment are emphasised throughout the course. Student assessment include assignments and a presentation folio of completed projects will be completed

## **Systems Engineering - YEAR 10 ONLY**

This is an additional cost (\$100) elective.

Students' knowledge and skills are developed further in engineering principles and applications, through investigations of mechanical, electrical, solar and integrated systems. Students will design, create, manage and evaluate a range of solutions for design briefs and they will extend their practical skills and knowledge. Safe working practices and the correct use of tools and equipment are emphasized. Student assessment include assignments and a presentation folio of completed projects.

## **Textile Product Design and Technology**

This is an additional cost (\$50) elective.

Students will produce design folios exploring new textile techniques and skills. Students will have the opportunity to design their own original textiles products in relation to a design brief. They will learn a range of hand and machine sewing skills and apply these skills to construct their own product using a commercial pattern. They will research and investigate the history and uses of natural and synthetic fibres. Students will consider and explore aspects of sustainability and ethics in the textiles industry. Students will reflect on their own learning through self-evaluation tasks and learn to work safely in the Textiles classroom.

## **Visual Communication Design 2**

This is an additional cost (\$50) elective.

Students study the Environmental, Industrial and Communication Design fields through the use of manual and digital drawing methods. In their visual diaries they use the design process to respond tasks. They use a range of observational, visualisation and presentation drawing methods to transform their personalised design ideas in to finished visual communication design work. Students will use a range of materials, media, and methods to make their design ideas. Design elements and design principles will be used so that their work meets the requirements of a specific design brief and target audience. Techniques used will include illustration, technical drawing, ICT use, desktop publishing and packaging construction. Students will analyse and evaluate their own work, and that of designers working in a range of design fields.

## **Wood Product Design and Technology- YEAR 9 ONLY**

This is an additional cost (\$150) elective.

This semester based elective introduces students to the uses of a variety of timbers in the development of client based, medium scale furniture production. Students will also explore the basics of building framing and construction techniques. Emphasis is given to the development of safe manual and power tool use and workshop practices which students are expected to demonstrate. Students will also explore the environmental impacts and sustainability practices of the timber industry.

## **Wood Product and Design Technology - YEAR 10 ONLY**

This is an additional cost (\$150) elective.

This semester based elective further develops and extends student's knowledge of the uses of a variety of timbers. Students use the design process to develop client-based, medium scale furniture production. Students will also explore the basics of building framing and construction techniques. Emphasis is given to the development of safe manual and power tool use and workshop practices which students are expected to demonstrate. Students will also explore the environmental impacts and sustainability practices of the timber industry.

# HEALTH, PHYSICAL & OUTDOOR EDUCATION

You must study at least **one** of these electives **each** semester.

## Health for Life 1

This Health Education elective allows students to further develop their knowledge of the components of health and the interrelationship of a variety of topics focusing around 'Tackling Teens'. Students will be encouraged to develop positive behaviours such as self-discipline, sound judgement, responsibility and getting along with others throughout the unit. Units studied during the course include the Components of Health, Human Growth and Development (stages of the lifespan), "Baby Think It Over" parenting simulation, Body Image, Social Media awareness, Teen Homelessness and services that are available within the immediate and wider community to assist teenagers. Students will participate in 'Community Teen Health' project focusing on a local community initiative.

## Health for Life 2

This Health Education elective allows students to further develop their knowledge of the components of health and the interrelationship of a variety of topics focusing around 'Healthy Habits'. Students will be encouraged to develop positive behaviours such as self-discipline, sound judgement, responsibility and getting along with others throughout the unit. Units studied during the course include the Components of Health, Lifestyle Diseases, Childhood Obesity, Nutrition across the Lifespan 'Food for thought', and Blood, Tissue & Organ donation.

## Outdoor Education: Marine

This is an additional cost (\$150) elective.

This elective aims to develop within each student an awareness and appreciation of Victorian Marine and Aquatic ecosystems and participate safely in a variety of recreational pursuits. **Education in** the outdoors will be selected from: boating, sailing, snorkelling, beach walks, overnight coastal hike, canoeing, kayaking, surfing or stand up paddle boarding. **Education about** the outdoors will consist of a research assignment on Victoria's Marine National Parks and Reserves. Minor projects will focus on threats to Marine environments and endangered species in our oceans. The latest news articles of marine rescues and an extreme adventure case study will be explored. Students will complete class work on climate change and management strategies to protect marine environment. **Education for** the outdoors will include class work on understanding ocean conditions such as swells, tides, rips and currents, potential risks associated with aquatic activities and water rescue.

## Outdoor Education: Urban

This is an additional cost (\$150) elective.

This elective aims to develop within each student an awareness and appreciation of local outdoor environments and participate safely in a variety of recreational pursuits with a focus on urban recreation and modified natural environments. **Education in** the outdoors will be selected from: mountain bike riding, snow exploration, indoor rock climbing, city navigation, camping, bush walking, horse riding, tree top acrobatics, canoeing or kayaking. **Education about** the outdoors will consist of a research assignment on The Dandenong Ranges National Park. Minor projects will focus on manmade natural environments, threats to remaining natural environments and feral animals. Students will complete class

work on extreme urban recreation, local interest groups, World Heritage and human influences on the Yarra River. **Education for the outdoors** will include class work on recreational skills and safety, urban first aid scenarios and being well prepared and self-reliant for a day in the urban outdoors.

## Physical Education 1

The Physical Education 1 elective will allow students to discover the importance of accessing sport and physical activity throughout their community. Students will participate in and research the current initiatives offered in both their immediate community and in the broader communities around Melbourne. Students will discover the roles and responsibilities in sport and how they may participate in and contribute to these, while putting them into practice through physical skill lessons within class. Students will then concentrate on coaching, both within local community teams and at an elite level. They will discover the characteristics and attributes that are needed in coaching. This subject will commence with students planning and running either a school sport team or a round robin style afternoon for a group of students at a local primary school.

## Physical Education 2

The 'Live it Up for Life' elective will help students develop a lifelong passion for physical activity and how to gain their best possible health throughout their lifespan. Students will become familiar with fitness definitions, the benefits and indicators of being physically active and how these needs change as we grow older. The National Physical Activity Guidelines will be explored in detail. Students will participate in both team and individual sports and activities which are relevant to the Lifespan stages (Childhood, Youth and Adulthood). Students will research the consequences of an inactive lifestyle and motivational strategies to maintain activity levels in a fun, healthy and safe way.

## Sport Education 1 – YEAR 10 ONLY

This elective provides students with an opportunity to develop their strategic thinking and tactical knowledge alongside developing advanced movement skills in a wide variety of team-sport activities. Students will be required to employ and devise skills and strategies to counter tactical challenges in game situations. Students will develop an understanding of the physical, mental, social and emotional benefits of participation in regular physical activity, and analyse factors which influence such participation. This elective compliments the interschool sporting events. **Practical units** undertaken within this elective may include: Cricket, Tennis, Volleyball, Badminton, Netball, AFL and Soccer. **Theoretical units** undertaken include characteristics of skills and stages of learning, influences on movement, motor skills development, and population trends. These will be taught through theory lessons and various laboratory activities.

## Sport Education 2 – YEAR 10 ONLY

This elective provides students with an opportunity to develop their strategic thinking and tactical knowledge alongside developing advanced movement skills in a wide variety of team-sport activities. Students will be required to employ and devise skills and strategies to counter tactical challenges in game situations. Students will develop an understanding of the physical, mental, social and emotional benefits of participation in regular physical activity, and analyse factors which influence such participation. This elective compliments the interschool sporting events. **Practical units** undertaken within this elective may include: Basketball, Table Tennis, Hockey, Touch Rigby, Lacrosse and Ultimate Frisbee. **Theoretical units** undertaken include sport psychology, motivation, arousal, injury management and prevention and acute and chronic musculoskeletal injuries. These will be taught through theory lessons and various laboratory activities.

## HUMANITIES

### Law and you

The study of law introduces students to the concepts of rights and responsibilities. They will develop their understanding of their rights as well as their obligations. They will develop their knowledge about how law affects young people and how they can contribute now and in the future. They will learn about how laws are made and the main types of law in Australian society. They will complete an investigation of criminal law and the role of the police. In this elective students will develop research and analytical skills.

### Money and Markets

In this elective students investigate 'how money makes the world go around' by considering factors that affect spending and why it is important to be an informed consumer. Students investigate the importance of personal money management and the role of budgeting and saving. They learn about the processes of consumption, production and distribution in meeting the needs and wants. They also explore how markets, enterprise and innovation affect the economy and society. An important learning experience is collaborating in teams to plan, manage and evaluate an event, for example a small business activity.

## LOTE - LANGUAGES

### German

This is a whole year elective and must be selected in **both** semesters.

In this elective students extend their knowledge of the German language. Students participate in a activities which involve communications tasks, performances and experiences. Students continue to expand their knowledge of language systems, structures and vocabulary in order to use their knowledge of the language in a widening range of contexts. They continue to build their accuracy and fluency in both speaking and writing. The course continues to develop cultural awareness. This includes popular culture and spending time developing culinary skills cooking famous national dishes.

### Italian

This is a whole year elective and must be selected in **both** semesters.

In this elective students extend their knowledge of the Italian language. Students participate in a activities which involve communications tasks, performances and experiences. Students continue to expand their knowledge of language systems, structures and vocabulary in order to use their knowledge of the language in a widening range of contexts. They continue to build their accuracy and fluency in both speaking and writing. The course continues to develop cultural awareness. This includes popular culture and spending time developing culinary skills cooking famous national dishes.

## INFORMATION COMMUNICATION & TECHNOLOGY

### ICT – Artificial Intelligence –

Can a machine be intelligent? In this elective we will investigate a range of issues related to AI (Artificial Intelligence). This includes finding out exactly what AI is and where it is used. We will consider the challenges and opportunities created by AI as well as possible applications for AI in the future. Using a programming language, we will build simple networks, like games, to develop our knowledge of and skills in real world machine learning.

### ICT – 3 D Animation

When we think of computer animation we usually think of a digital cartoon like Toy Story but computer animation is much wider with computer animation used in gaming, television series, blockbusters movies, science, education, marketing and more. In this elective we will investigate several methods of computer animation including motion capture and 2D and 3 D animation using software such as Blender Sketchup and Adobe Edge Animate. We will also look at the technical requirements for computer animation and the use of animation in industry.

## PERFORMING ARTS

### Dance Your Way

Students will develop a diverse range of dance, choreography and performance skills. They will be introduced to the elements of Dance and use of stimulus material to assist in creating dance. They will use this knowledge to develop their own dances. They will also learn dances from various sources and choreographers. Students will focus on dance making techniques to develop their own style of movement. Students will see one live dance performance and will study the role of dance in another culture. They will choreograph and perform in group dances and/or solo pieces. Students will have the opportunity to perform their work for various audiences.

### Drama – Acting For The Stage

This is a combined elective. Students from our Mooroolbark campus will be travelling to ME to study this elective.

The emphasis in this elective is stage acting and performing, developing and building on acting skills gained in previous years such as voice, movement, creating character, improvisation, and performance styles chosen for study such as Melodrama, Commedia Del' Arte, Naturalism and Eclectic Theatre styles. The main study is on the different acting styles and students will learn, practice and analyse the skills that are required for this type of performance work, which is the focus of VCE Drama. This gives Year 10 students

wishing to continue the subject in VCE an introduction to some of the performance styles studied. Students will take part in an ensemble performance, including all preparation such as rehearsing, writing, directing, acting and production elements. Students will view a professional theatrical performance and analyse and evaluate the performance. Students will have the opportunity to perform their work for various audiences.

## **Drama - Theatre Production**

This is a combined elective. Students from our Mooroolbark campus will be travelling to ME to study this elective.

The emphasis in this elective is to present a class production based on the interpretation of playscripts and the production of plays and musicals from a variety of theatre styles. Students investigate how plays and musicals are used and portrayed on the world stage; and also how plays are studied and performed in order to understand and convey changes in society, people, environment and other issues. Students will undertake workshops on the different production areas and then apply their production skills (costume, make-up, sound, lighting, set, props, directing and acting) to their interpretation of the script for the class production. They will then present their class production. Students will attend a professional theatrical performance and analyse and evaluate the performance as well as their own productions.

Students also have the opportunity to contribute to the annual school production such as set painting, props, costumes, lighting, sound and backstage.

## **Music Performance 1**

This is a whole year elective and must be selected in **both** semesters.

Music Performance is an elective that develops young musicians into better instrumentalists, performers and listeners of Music. Music Performance classwork has a strong practical focus, with practical performance work dedicated to refining and developing Performance Skills on students selected instruments through many performance opportunities. Classwork also focuses on developing fundamental Musicianship Skills such as aural recognition of intervals, chords, scales, rhythm and melodic dictation, with an intention of further strengthening students' musical knowledge and performance skills. There is also a strong focus on Listening and Analysis of Music through a frame of The Elements of Music, with students developing skills to discuss and interpret music from different styles, cultures, and historical viewpoints. It is recommended that students undertaking this subject have a background in Music through either the Schools instrumental program, or experience externally learning an instrument independently or outside of school.

## **Music Performance 2**

This is a whole year elective and must be selected in **both** semesters.

Music Performance is an Elective subject that aims to develop young musicians into better instrumentalists, performers and listeners of Music. Music Performance classwork has a strong practical focus, with students developing successful practice habits that contribute to successful performances. Students will begin to apply their knowledge of music styles to write songs, write music for film and record their own original work. It is strongly recommended that students have a background in Music through either the Schools instrumental program, or experience externally learning an instrument independently or outside of school.

## **So You Think You Can Dance**

Students will develop their dance technique, flexibility, fitness and co-ordination. They will experience this through learning choreographed work in a broad range of dance styles chosen for study such as Hip- Hop,

Jazz, Ballet and Contemporary. They will develop a diverse range of dance, choreography and performance skills. Students will learn how to warm up, cool down, stretch correctly and have an understanding of the body through the study of anatomy. Students will see one live dance performance. Dance students will be assessed on their ability to analyse dance, learn choreography and perform small and large group dances, with an opportunity to perform their work for various audiences.

## **Theatre Production**

To provide access to a full range of specialist resources this elective will be studied at our ME campus. Students will travel in the school bus.

The emphasis in this elective is to present a class production based on the interpretation of playscripts and the production of plays and musicals from a variety of theatre styles. Students investigate how plays and musicals are used and portrayed on the world stage; and also how plays are studied and performed in order to understand and convey changes in society, people, environment and other issues. Students will undertake workshops on the different production areas and then apply their production skills (costume, make-up, sound, lighting, set, props, directing and acting) to their interpretation of the script for the class production. They will then present their class production. Students will attend a professional theatrical performance and analyse and evaluate the performance as well as their own productions.

Students also have the opportunity to contribute to the school production such as set painting, props, costumes, lighting, sound and backstage.

## **SCIENCE**

### **Animal and Environmental Studies**

The elective will work hands on with the College Animals. You will get regular opportunities to handle the animals, feed them, maintain their enclosures, learn about their optimal living environments and perform various tests to make sure we are providing them. You will explore Linnaeus Classification and how this relates to our animals. You will look at how changes to the environment can affect living organisms in the wild, and learn of some very weird and wonderful animals that inhabit our planet.

### **Psychology in Action**

Ever considered studying Psychology in VCE but not really sure what it's all about? Then read on! Psychology in Action will set you up with a sound knowledge base and skill set to prepare you for the study of Psychology at the VCE level, and have fun whilst doing it! We will explore the workings of the human brain, mental health and a variety of fields of Psychology. You will have the opportunity to take part in, design and conduct a variety of Psychological investigations, and report back on your findings.

## **OTHER**

### **Bridge Builders**

This is a whole year elective and must be selected in **both** semesters.

This elective aims to develop self-confidence and team work. The key community partner is Bridge Builders, a youth organisation who aim to increase positive personal capabilities and community leadership in young people. Students work in authentic environments and community based settings. Students will play key roles in the planning, organising in and staging of community events and service projects. Recent groups have demonstrated their knowledge and skills by playing a lead role in Relay for Life, Shire of Yarra Ranges Business Breakfast, and the Mt Evelyn Street Party. Students are provided with opportunities to develop: hands on project and event management skills; research and communication skills; goal setting, planning, decision making, time and financial management skills; peer leadership and public speaking skills and confidence. Students have the opportunity to complete a Level I Certificate (First Aid or Barista). They are also awarded a certificate after completing the course.

## **Driver Education – year 10 ONLY**

This is an additional cost (\$250) elective. This cost includes participation in the METEC program.

This elective concentrates on educating young people in aspects of road safety and driving a car. Students study basic road laws using 'Road to Solo Driving', how to obtain a licence and appropriate attitudes to driving. We study the hazards confronting young drivers such as drugs and alcohol, speed, fatigue, mobile phones as well as sharing the road with other drivers. Students participate in a 12 hour course at METEC where both theory and practical knowledge is gained in regard to road law, road safety and driving a manual car. We also link with other valuable agencies such as TAC and the Road Trauma Support Group to provide up to date knowledge to ensure they become responsible drivers in the future

## VCE (Victorian Certificate of Education) subjects & VET (Vocational Education & Training) Courses

The unit 1 & 2 VCE subjects offered to Year 10 students next year are not known at the time of this handbook publication: In 2019 four VCE subjects were offered during this block. Full details on VCE subjects are in the Senior School Handbook available on our website. See Director of Teaching & Learning, for further details. Students who wish to enroll in a VCE subject are asked to pick up a form from the office. They must also get their current year level coordinator's signature.

A range of VET courses are offered to Year 10 students. VET Auto is offered at Yarra Hills while other courses are offered at local schools. Contact our Director of Pathways, for further information and additional copies of relevant documents. A separate application for VET needs to be completed. Note that the external timeline for VET applications is very short. Students and parents are strongly advised to use the information in the power point to research and clarify their thinking.

## CAREER PATHWAYS ASSISTANCE

The Careers Office has up-to-date and accurate information about tertiary courses and applying for jobs.

There are Job Guides available – to begin your search; handbooks for all major Victorian universities, institutes and colleges; some interstate handbooks and brochures on new courses, apprenticeships and traineeships.

Course Scan is also available and this allows you to enter your VCE subjects and get a printout of all courses that you would be able to access, the ATAR required for entry, any special requirements for entry and where you can study.

Students will be interviewed at various times, and complete Career Action Plans at regular intervals so that students are aware of the various pathways that are available beyond school.

Students should continue to work with their families to investigate various post-schooling options and make appointments with the Careers Leader at their campus for further advice.