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Narre Warren South P-12 College's Year 9 Curriculum Program provides students with significant choice of subjects to suit their individual preferences. The program encourages students to select subjects based on their interests, so to increase their engagement at school.

Students undertake core studies in Mathematics, English, Personal Development and Physical Education. Students also select a wide variety of Semester-based electives where they pursue their interests within the areas of Humanities, Science, Technology, The Arts, Language, Health and Physical Education.

Parents/Guardians are to discuss their child's interests based on what they would like to do study over the year.

Students need to choose ONE elective from each of the FIVE coloured Domains; they can then choose their remaining three from any faculty. Students must complete four electives each Semester. FUSION, STEM and LANGUAGES (if selected) must be undertaken for the whole year period. Languages is optional and does not have to be selected as one of the domains.

It is important that students number their choices in order of preference, from 1 being the elective they most want to do to 11, being their least preferred preference.

The College CANNOT guarantee that all students will get their first eight choices.
Course of Study Outline

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Year 9 - Core Subjects

All students will be required to undertake these subjects English or English as an Additional Language

English

Course Description

This course of study aims to further extend and develop student literacy skills. Students will develop greater awareness of the way language varies according to its purpose, audience and context.

Students will construct an increasingly broad range of written and spoken texts and respond critically to a variety of literature and media texts.

Domain: English

English as an Additional Language (EAL)

Course Description

This study aims to enable students to develop critical understanding and control when using Australian English in a variety of situations, ranging from the personal and informal to more public occasions.

Students will be expected to communicate ideas, feelings, observations and information effectively both orally, in writing, and to a range of audiences. This course recognises and values student diversity and encourages self-esteem by enabling students to use the English language confidently and take responsibility for their own language development. Students carry out classroom activities that integrate the skills of reading, writing, speaking, listening and thinking.

Domain: English
Mathematics

Course Description
During Year 9, students will further develop their mathematical knowledge and skills in the three strands according to the Victorian Curriculum: Number and Algebra, Measurement and Geometry, and Statistics and Probability.

In Number and Algebra, students apply index laws, solve problems involving simple interest, manipulate algebraic expressions, and work with the Cartesian plane.

In Measurement and Geometry, they solve problems involving perimeter, surface area and volume. Students also explain the similarity of triangles, and apply Pythagoras’ theorem and trigonometry to right-angled triangles.

In Statistics and Probability, they represent data graphically, use measures of centre and spread for given data and estimate probabilities of events.

Students are exposed to a range of Mathematics topics in order to prepare them for different areas of the workforce. They will be expected to complete common assessment tasks in the form of topic tests and investigations.

Domain: Mathematics

Personal Development

Course Description
Throughout Personal Development students will explore knowledge of rights and responsibilities associated with the increasing independence of young people.

Students will investigate the topics of illicit drugs and sexual health. They will develop clear strategies in implementing harm minimisation approaches to reducing risks associated with drug use and sexual health.

Students will explore personal behaviors and community actions that affect health status, both positively and negatively. They will identify health services and products provided by government and non-government bodies.

Students will participate in a range of incursions and listen to guest speakers. For example they will participate in a safe partying session run by Ambulance Victoria, learning lifesaving first aid skills such as CPR and how to respond to emergency situations.

Students will develop their skills as a person in the workforce. They will go through a mock job application process, create resumes and undertake a mock interview.

By the end of the year students will be able to identify and implement strategies to build personal resilience and develop positive mental health.

Domain: Health and Physical Education
Physical Education

Course Description
Students will learn and develop greater control and skill in physical activity. They will develop proficiency in a range of high-level movement and manipulative skills whilst devising and employing tactics and strategies to counter tactical challenges.

Students will increase skills in planning, observation and analysis. This will allow the students to develop and evaluate ways of refining their own techniques and performance while also assisting and enhancing the performance of others. Students will participate in peer teaching or coaching situations with a focus on skill development and improvement.

Students will also learn to set personal physical activity and fitness goals, develop their own fitness program and evaluate its success. The students will learn and use training methods to improve their fitness level and participate in sports, games, recreational and leisure activities that maintain regular participation in moderate to vigorous physical activity. During the theory component of the class (1 period per fortnight) students will investigate different components of fitness and training methods; how various body systems work as well as biomechanics and nutrition. Students will be assessed on participation, attendance, uniform, skill development, sportsmanship and the various theory components.

Domain: Health & Physical Education
Language and English Elective Program

Japanese Language And Cultural Studies (optional)

Course Description
Learning Japanese provides access to the culture of Japan. The ability to communicate in Japanese can in conjunction with other skills, widen travel opportunities and employment opportunities in a range of areas.

Students will engage in topics that will broaden their communication skills and cultural understanding from previous study. Topics covered will include designing your own Japanese comic, life in Japan as a teenager, asking for and giving directions and shopping in Japan. Throughout these units students will look at a variety of texts including personal, descriptive, informative and imaginative; for a range of purposes further developing their grammatical understanding of the Japanese language.

This course will actively prepare students for a language pathway in VCE.

Excursions will have an individual cost.

Domain: Language | Cost $0

Indonesian Language and Cultural (optional)

Course Description
Learning Indonesian provides access to the culture of Indonesia. The ability to communicate in Indonesian can in conjunction with other skills, widen travel opportunities and employment opportunities in a range of areas.

Students will engage in topics that will broaden their communication skills and cultural understanding from previous study. Topics covered will include food and ordering at a restaurant, bargaining at a market, asking for and giving directions and making plans with a friend. Throughout these units, students will look at a variety of texts including personal, descriptive, informative and imaginative; for a range of purposes further developing their grammatical understanding of the Indonesian language.

This course will actively prepare students for a language pathway in VCE.

Excursions will have an individual cost.

Domain: Language | Cost $0

Supernatural Literature

Course Description
How much of your world is told through stories? Year 9 Supernatural Literature is a look at the world around us through the supernatural. Looking at traditional gothic novels as well as recent popular cultural texts in genres such as Fantasy Novels, students will be able to study the supernatural and fantastical elements of stories through myth, legend, fairy-tale and modern supernatural fiction. The aim is to encourage students to think critically and comparatively about the importance of the supernatural and fantastic in literature as represented at different times and in different genres. This unit requires a love of stories and books as well as a curious mind.

Domain: English | Cost $0
Year 9 Electives

Most Year 9 elective courses of study require a levy to be paid before a course can be commenced

A variety of electives consisting of one or more courses of study (unit teams) are offered to students to ensure they have access to a range of Discipline Domains.

All electives are outlined, enabling students to choose courses of study based on their interests.

These elective courses of study run for a semester. Students will be required to complete 8 electives over the academic year. Availability of student courses of study choice may alter to some extent due to timetabling and student numbers.

The course of study electives are based on a philosophy of authentic experiential learning where students are engaged in curriculum that develops skills and knowledge consistent with the appropriate standard levels in each Domain, within a meaningful and purposeful context.

Elective Domains

Health & PE Electives

Get Active Girls

Course Description
‘Get Active Girls’ is an elective that will improve fitness, flexibility, self-esteem, coordination, team work and body image for girls. Students will recognise community fitness opportunities and take part in practical activities such as individual challenges, group activities, yoga, pilates, weight training and fitness.

As well as practical activities, students will improve their knowledge of how their body functions optimally through a healthy lifestyle. They will develop relaxation techniques for recovery and stress management.

Students will also look at females in the media, elite athletes, stereotypes, body image and the positive effects of exercise.

This elective is for girls who enjoy getting active, who like to explore new challenges and develop their fitness.

Elective fee includes resource booklet.
Domain: Health & Physical Education | Cost $20
Health

Course Description
During this elective students will extend their learning about Human Development across the lifespan. This will include broad ranging topics such as; what is health?, dimensions of health, major cause of illnesses, injury and death in Australia, as well as body systems and nutrition.

Students will consider the role Medicare plays on the status of health in Australia and the impact of community facilities. They will investigate the role of nutrition on energy and health issues and will have the opportunity to experience healthy cooking sessions. To successfully complete this elective, students will be required to maintain an accurate workbook and complete assessment tasks within each unit. Guest speakers and excursions may be a part of this elective to enhance student learning and knowledge.

Elective fee includes materials for cooking sessions. Excursions/Excursions will have an additional cost.

Domain: Health & Physical Education  Cost $20

PTS Sports Science Semester 1

Course Description
Year 9 Pathways Through Sport Sport Science Semester 1 will provide an excellent introduction to topics and content covered in Unit 1 and Unit 2 VCE Physical Education. Students will cover the topics: “The Human Body in Motion” and “Physical Activity, Sport and Society” through a combination of theoretical and practical applications. This subject provides an excellent pathway for students who have completed the PTS program at Year 7 and Year 8 or for new students with aspirations to complete VCE Physical Education.

Elective fee includes resource booklet. Excursions will have an individual cost.

Domain: Health & Physical Education  Cost $95

PTS Sports Science Semester 2

Course Description
Year 9 Pathways Through Sport Sport Science Semester 1 will provide an excellent introduction to topics and content covered in Unit 3 and Unit 4 VCE Physical Education. Students will cover the topics: “The Human Body in Motion” and “Physical Activity, Sport and Society” through a combination of theoretical and practical applications. This subject provides an excellent pathway for students who have completed the PTS program at Year 7 and Year 8 or for new students with aspirations to complete VCE Physical Education.

Elective fee includes resource booklet. Excursions will have an individual cost.

Domain: Health & Physical Education  Cost $95
Mountains to the Sea

Course Description

Over the duration of the course, students will participate in both theory and practical classes where they will develop knowledge and understanding of some of the key skills used in outdoor adventurous activities. The study design relates directly to the activities conducted through the elective and will prepare the students to participate in the activities safely and successfully.

The program will culminate in the planning, preparing and undertaking of an excursion to one of Victoria's outdoor and adventure centres, where students can attend a week long adventure experience. The activities listed below are examples of some of the activities the students may have the opportunity to participate in: bushwalking, camping, caving, water sledding, high ropes course, mountain biking, orienteering, indoor rock climbing, surfing, initiative tasks, leadership challenges, paddle boarding, wind surfing to name a few. Please note that the students will have opportunity to participate in many of these, but excursions conducted will be a selection of varied activities in conjunction with safety, weather conditions and costs incurred.

*** PLEASE NOTE ***

Due to the nature of this subject and the activities offered within it, Narre Warren South P-12 College will follow very strict instructor to student ratios, which comply with the Education Department's Adventure Activity Standards. It is important to note that the cost for the semester length course is $370. This can be paid in instalments upon negotiation with the College. However if this charge is not paid your child will not be able to participate in planned activities.

Elective fee includes excursions and camp.

Domain: Health & Physical Education | Cost $370

Move It

Course Description

Get up, get active and get going! Here is your chance to participate in recreational and leisure activities that are not part of the normal sports program. Perfect a slide in ice hockey, score a strike in ten pin bowling, go trampolining, try your hand at weight training and improve your overall fitness.

Students will participate in practical and theory classes; investigate the role they play in human movement, as well as improving their function through fitness training.

Elective fee includes resource booklet. Excursions will have an individual cost.

Domain: Health & Physical Education | Cost $20
Staying Alive (First Aid)

Course Description
Save someone’s life by attaining an accredited or equivalent to a Level 2 First Aid Certificate with CPR qualifications through a RTO provider. In conjunction with achieving this qualification, students will learn how to assess and administer first aid in a variety of scenarios such as:

• Bites and stings  • Choking  • Mental Health  • Shock
• Amputations  • Drowning/Water safety  • Sports Injuries  • Unconsciousness
• Fractures  • Asthma  • Sport safety  • Epilepsy
• Poisons

Assessment will be based on practical and theoretical work completion that will include a research assignment, administration of first aid, participation in classroom activities and maintenance of a detailed workbook. Students will also have the opportunity to be actively involved as First Aid Officers at College sporting events.

Elective fee includes First Aid course and resources.
Domain: Health and Physical Education  | Cost $130

Team Sports

Course Description
Want to compete in a wide range of warm-ups, invasion, wall/net and striking sports? Then Team Sports is for you! Whilst partaking in a range of game sense activities you will develop your skills, increase your knowledge and have the opportunity to work in different teams on a weekly basis. Emphasising the notion of teamwork this practical subject incorporates sports such as Turbo Touch, Ultimate Frisbee, Tennis, Basketball, Gaelic Football, Badminton, Futsal and much more!

Excursions will have an individual cost.
Domain: Health and Physical Education  | Cost $0

Humans Electives

Civil Rights Movement

Course Description
• Do you dislike inequality between races?
• Do you want to know about Australia’s historical record towards Indigenous people?
• Do you want to learn about a key political movement that affected life on a global scale?

In this elective students will track the course of the United States of America Civil Rights Movement and its influence on Australia. Students will outline the causes of the Freedom Rides in America, and how the actions of these individuals inspired the civil rights campaigners in Australia. From here, students will look at influential leaders such as Martin Luther King, Malcom X and Rosa Parks, as well as looking at key political groups during the Movement such as The Black Panthers and The Ku Klux Klan. Students will compare and contrast the Civil Rights Movements in the United States of America and Australian; identifying the prior events that lead to such actions.

Domain: Humanities  | Cost $0
Money, Business and You

Course Description

• Are you an impulse shopper?
• Are your personal finances messed up?
• Do you know how to save?
• Do you hate constantly relying on credit from your friends and family?
• Do you want to learn how to choose ‘what you buy’ and ‘where you buy’?
• Do you want to have the skills to start up your own business?
• Do you want to become rich and work for yourself?

Students examine the role and significance of savings and investments for individuals and the economy, demonstrating the skills required to successfully plan and manage personal finances. Students examine the attributes and skills of business owners, examine the nature of business opportunities and discuss the importance of detailed planning to help maximise success.

Domain: Humanities | Cost $0

The Law and You

Course Description

• Are you passionate about becoming a lawyer?
• Do you love arguing?
• Are you an advocate for human rights?
• Do you want to learn how to deal with a legal problem?
• Are you considering becoming a police officer or politician?

If some of these things interest you, then this is the elective for you!

The Law and You elective will teach you everything you need to know about your human rights and the laws that affect you. You will engage in projects, debates with peers, mock-trials, observing real life court cases and educational law games.

Excursions will have an individual cost.

Domain: Humanities | Cost $0

World War I

Course Description

In this elective, students will track the course of the “War to end all Wars”. They will be able to identify and explain the events that led to the outbreak of World War 1, the reasons why men enlisted and the experiences of Australian soldiers in the trenches and on the hills of Gallipoli. They will investigate the propaganda used to encourage the war effort of all Australian citizens. Students will also look at significant contributions of the Australian soldiers on the Western Front.

Domain: Humanities | Cost $0
Science Electives

Brain Buzz

Course Description
What does it mean to be intelligent? Students will look at various types of intelligence and learn about Gardner's Multiple Intelligences. Students will run practical activities with primary students using the Multiple Intelligences during a primary lesson.

How do illusions work? Students learn about how the eye works and this will involve dissecting a sheep's eye. You will investigate how the brain is tricked using illusions and will go on an excursion to ‘Amaze N Things’ to experience illusions first hand.

Students will study the use of manipulation to get people to join Cults and students will use these techniques to make a video for a “Cult” they wish to lead.

They will delve into mental health and talk about the causes and treatments of psychological disorders. Students conduct experiments and learn to write professional psychological reports.

This elective is a great introduction to VCE Psychology.

Elective fee includes resources and excursions will have an individual cost.

Domain: Science | Cost $10

Forensics

Course Description
Who killed Miss Scarlet in the dining room? Can you tell the time of death from insects? What time is needed to burn a skeleton? From arson to murder, several cases need your expertise! Gather the evidence, determine how the crime was committed, and figure out who committed the crime. Join Forensics and learn Science the gruesome way.

The Forensic elective looks at the science behind forensic investigations. Students will examine various forensic techniques such as fingerprinting, ballistics, handwriting analysis, blood splash patterns, autopsies, chromatography and more.

Students will collect, identify, classify and analyse physical evidence related to criminal investigations. After examining various forensic techniques, students will produce their own crime scenarios for their peers to solve.

Elective fee includes resource booklet.

Domain: Science | Cost $10
Zoology – Study Of Animals

Course Description
Have you ever wondered how animals function, behave and survive in different environments?
Have you ever wondered why Platypus lays eggs and are still a mammal like us?

In this elective students will study features of living things, cells, cellular processes and detailed study of invertebrates and vertebrates. Students will also study insects, spiders, fish, amphibians, reptiles, birds and mammals. This elective will include detailed study of how these animals behave, function and survive in their environment. Students will also compare how these animals feed, digest food, breathe, do their daily activities and survive in various conditions. This elective will include a number of hands on activities, dissections, practical activities and an excursion to the Melbourne Zoo. This elective will give students an introduction to VCE Sciences, particularly Biology and will prepare them with the basic skills they need to develop if planning to work with animals.

Excursions will have an individual cost.

Domain: Science

Chemistry – Chemical Reactions

Course Description
What makes something reactive?
Why are some chemical reactions different from others?
Why are some reactions fast and explosive and others slow and corrosive?
What's the difference between an acid and a base?

This elective introduces students to the idea that chemical reactions occur as a result of rearranging the atoms. These reactions produce a range of products and can occur at different rates. Some of these reactions produce heat, while others use heat. Students will be able to predict the products being produced in reaction and balance chemical equations. They will be able to conduct their own investigation into chemical reactions including designing an experiment, constructing appropriate hypothesis, collecting and analysing that data while considering the reliability of their experiment and their results.

Domain: Science

Project Based Learning

Course Description
- Does the number of blades on a wind turbine matter?
- Can you make a bridge carry the most weight with the least materials?
- Do you know how to operate a 3D printer?
- Can you program a robot to do laps around a circuit?

PBL focuses on teaching skills not content. Provide the students with the key skills that are transferrable across subjects and across careers. Students will be required to produce prototypes of their work and present it to an audience whereby the audience will critique their work and provide feedback. Students will then be given the opportunity to go back, refine, and present again.

An entrance test is required for this subject.

Domain: Science
STEM

Course Description

• Do you know how a plane is able to fly?
• Do you know how to make a boat made of cardboard float and hold your own weight?
• How can circuit diagram theory help us with robot design and construction?

STEM is an interdisciplinary approach to studies. In STEM, students focus on developing key skills that are transferrable. Students apply these skills to solve real world problems by thinking more critically at the given problem and attempt to solve the problem by producing a well thought out solution. Students are expected to receive feedback and refine their solution and continuously refine over the course of semester.

This elective will run for the entire year.

Domain: Science | Cost $0

Physics – Seeing and Powering the Galaxy (Light, Electricity, Heat and Space)

Course Description

• Have you ever wondered how stars are formed?
• What makes a black hole?
• Why is the sky blue?
• What happens when you are hit by lightning?
• What causes earthquakes?

This elective introduces students to Year 9 Science and it provides an overview of the VCE units of Physics. During this elective, students will develop skills in using a scientific approach to understand the world around them. Students will learn to use theories, models and examples to explain concepts such as electricity, thermal dynamics and light. Students will conduct investigations, make observations and analyse results. It will also introduce students to the exciting world of Space Science. Students will learn about features of the universe such as galaxies, stars, solar systems and astronomical phenomena such as black holes and supernovae.

Excursions will have an individual cost.

Domain: Science | Cost $0
Technology Electives

Bakehouse

Course Description
In this elective, students have the opportunity to make numerous savoury and sweet recipes based around yeast and pastry cookery as well as various baking processes.

Students will prepare a variety of pastries, breads, cakes and other baked items of their choice. Students will be encouraged to develop or change recipes to suit their individual tastes and dietary needs.

Assessment in this subject will include: research tasks that incorporate both theatrical and practical components.

Elective fee includes food/ingredients.

Domain: Technology | Cost $100

Computers in the Real World

Course Description
This elective will equip students with a number of software skills for the real world. Students adopt or invent an organisation such as a sporting club, band or business and learn how to promote and support its day-to-day operations using a range of computer applications.

- Design and produce a range of printed promotional materials.
- Make a power point presentation of the business of their choice
- Design and work through the expenses and daily transactions for a business through a spreadsheet
- Develop a professional-looking building plan for your organisation.
- Peek inside the workings of the internet.
- Use Photoshop and learn how to manipulate images.

With each activity, emphasis will be on planning and designing solutions. Throughout the elective, students will be involved in self-evaluation and peer-evaluation assessment. They will carry out a weekly self-reflection by writing an online journal.

Domain: Technology | Cost $0
Creative Computing and Game Making

Course Description
Want to learn more about how your favourite games are made? In this elective you will learn computational thinking concepts; creativity and innovation, communication and collaboration, research and information fluency, critical thinking, digital citizenship, problem solving, decision-making, using and selecting applications effectively and productively.
- Multimedia animations (sequencing/looping)
- Storytelling through the use of conditional statements
- Game development (operators, data management, testing and debugging)
- Final project (designing, collaborating, abstracting, modularizing)

Domain: Technology | Cost $0

Product Design & Technology

Course Description
Students in this class will gain advanced skills and knowledge of Product Design including furniture construction using both timber, metals and plastics. Students will manufacture core pieces of work to understand the manufacturing techniques, processes and procedures.
Students will be able to use these skills and knowledge to design and construct a project of their own choice.
Students will focus on working safely, as Occupational Health and Safety is a key issue in a Worksafe environment when using hand and power tools in a manufacturing setting.
Taking home a finished product is also an important component of this elective.

Elective fee includes resources.

Domain: Technology | Cost $35

Robotics, Electronics & Engineering

Course Description
Gain a basic understanding of electronics and robotics through hands-on learning, electrical theory and fundamental electro-technology skills.
Students will learn how basic electronics control the functions of a simple robot, circuit symbols and diagrams, electronics theory and elementary electronics assembly by making their own working robot.

Elective fee includes resources.

Domain: Technology | Cost $70
Designers Introduction to Furniture and Lighting

Course Description
Developing a product from design brief, students will have the opportunity to design an interior lighting object. This design project focuses on the specific area of furnishings in design and technology. Students will learn how to produce a finished product following a design brief and creative process while gaining transferable practical skills and knowledge.

Students will learn about industrial design processes and materials first-hand by constructing a product/prototype, with the opportunity to work with timber materials as well as a combination of metal, plastics and textile components. Students will be encouraged to test materials and lighting technology, evaluating aspects of function and aesthetics as well as issues of environmental impact and sustainability.

By the end of the course, students will demonstrate an understanding of product performance, energy requirements and production techniques in relation to the impact of lighting technologies and materials manufacturing on the environment. Students will develop skills as they design and explore a range of techniques, use information and visual communication equipment and tools, as well as experiment with materials, fittings and fixtures, models, assemble and disassemble lighting products.

Elective fee includes resources.

Domain: Technology  
Cost $35

Food by Design

Course Description
Students will be introduced to a range of kitchen skills and processes used in food production. These skills will include preparation and cooking techniques, food styling and presentation, nutrition, ingredient selection and recipe modification. Safe work habits and food hygiene will be thoroughly investigated and practiced. Students will be required to select their own recipes and cater for groups or individuals with specific needs. Students will be required to work in teams and individually to investigate, design, produce and evaluate their set tasks.

This elective should be considered by students with an interest in developing their knowledge of the theory behind common foods and skills in food production.

Elective fee includes food/ingredients.

Domain: Technology  
Cost $100
Introduction to Landscaping, Building & Construction

Course Description
In this elective students have the opportunity to undertake projects around the College (making outdoor seating, creating gardens, constructing paths). It is a hands on elective which helps you gain skills covering a wide range of trades. You will be working outdoors and in a team environment working together to design and construct an outdoor project.

If you think you might want to work as a tradesperson then give it a go and find out if you have what it takes. This elective gives you a head-start if you want to undertake Certificate II Building and Construction or Certificate II Furnishing.

YOU WILL NEED A PAIR OF STEEL CAP WORKBOOTS

Elective fee includes class materials

Domain: Technology | Cost $35

Made for You

Course Description
In this elective, students will be making items for someone close to them. Students will investigate, design and create a range of textile items such as soft toys, clothing, furnishing and items of their own choice.

Using the technology process, students will develop an understanding of the factors which make items of clothing or toys safe for a child.

This elective will allow students to develop their creative and sewing skills, while producing items to make others feel good.

Elective fee includes resources.

Domain: Technology | Cost $10

Multi-Cultural Munchies

Course Description
Travel the world creating a range of dishes such as exotic spicy curries, Asian Street foods and rich European pastries.

Practical and theoretical work will focus on the history of selected regions, as well as their unique preparation and cooking techniques, ingredients and dishes. Weekly tasks will be student-focused with individuals choosing a culture and designing their work to meet set criteria.

Join in this celebration of fabulous ingredients, flavours, aromas and possibilities.

Elective fee includes food/ingredients.

Domain: Technology | Cost $100
**Automotive Basics**

**Course Description**

Propelled by an initial Design Brief and following Creative Design Thinking processes, students will be immersed in the creation of a powered vehicle and its ability to travel from Point A to Point B in time trials.

Students will develop skills in the creation of chassis assembly and drivetrain modification as well as pulley/lever motion and electrical basics.

During the program students have the opportunity to develop skills in metal structure and integrity, develop an understanding of ergonomics and its relationship to vehicle propulsion and the fastening of various materials together such as plastics and metals.

Incorporated in the design elements of completing a multi-faceted build are considerations of drivetrain assemblies, direct and lateral movement of a propelled vehicle and of course safety to reducing a vehicles velocity. During development in this area, students will touch on cable/lever/pulley design, electrical actuation and the ability to create hydraulic pressure to enhance physical force.

By the end of the course, students will have evolved in their Creative Design Thinking and diagnostic methodologies to go with the practical skills of developing a base knowledge around electrical and mechanical forces, creating enough force to propel a vehicle with an accurate motion of trajectory that is able to be measured.

**Domain: Technology | Cost $0**

**The Arts Electives**

**Fusion Music (Year Elective)**

**Course Description**

Fusion Music involves dedicated music students developing their instrumental and musicianship skills through regular rehearsal, performance and instrumental lessons. The course involves an advanced modern band program with the ensembles to compete in ‘Battle of the Bands’ and other music competitions. Students will also develop their ensemble skills through a Jazz Band and Big Band ensemble program. FUSION Music students will also have extensive recording and live performance opportunities. All students in this program receive a weekly private instrumental music lesson, timetabled throughout the week, on the instrument of their choice.

Students may only choose this elective if they have completed Year 8 FUSION in 2019.

**Elective fee includes resources and music lesson**

**Domain: The Arts | Cost $100**
3D Art

Course Description

Students are introduced to a range of 3D art techniques to successfully create sculptures and ceramic art works. Students keep a visual diary to annotate their idea development for art works. Students translate their own ideas, observations and experiences into finished art works using the design process and develop hands-on skills with materials such as clay, stone carving and plaster.

Elective fee includes resources.

Domain: The Arts | Cost $40

Director's Cut

Course Description

Are you the next Spielberg or Michael Bay? This project should be considered by students who are enthusiastic and self-motivated with a passion for film and digital media productions. This elective allows you to work with others to make an array of media products. You learn how to use digital cameras, edit films and images using a range of professional software. Have a go at writing a script, directing and editing films or animations and produce print media such as magazines.

Elective fee includes resources.

Domain: The Arts | Cost $20

Drama

Course Description

The perfect pathway for anyone wanting to enhance their creative performance skills and witness live theatre, in addition to students who are considering the study of VCE Drama in Year 10 and 11.

Working as an ensemble and/or solo, students will create, perform, and analyse their own devised work, incorporating inspiration from a range of performance styles, and various social, historical, and cultural contexts. Students will participate in a number of internal workshops and incursions, including improvisation and comedy skills from an industry professional, how to design and apply stage makeup, and become involved with aspects of production design.

They attend several professional theatre performances, possibly including Q&A with cast and creatives, and analyse the dramatic conventions, elements, and production choices involved in those shows.

Domain: The Arts | Cost $0
Drawing, Painting and Print Making

Course Description
Students will explore a range of 2D art techniques and the ways in which they can express themselves through mediums such as printmaking, painting and drawing. They will learn a range of techniques within these areas and the wonderful effects that can be achieved. Students will translate their own ideas, observations and experiences into finished art works using the design process. Students keep a visual diary to annotate idea development for their art works.

Elective fee includes resources.

Domain: The Arts | Cost $30

Get Funky

Course Description
Do you love to dance? Come to year 9 Get Funky to explore a broad range of different dance styles throughout the semester. We have fun dancing through such genres as Contemporary, Commercial, Hip Hop/Street styles, Jazz, Latin, Classical Dance (Ballet), Cultural Dance styles, Bollywood, K-pop and more. There is some theoretical component to accompany the course so students can contextualise learning with meaning. The course is broad so as to expose and explore a wide range of dance styles.

Domain: Performing Arts | Cost $0

MiTunes

Course Description
Ever wanted to play in a band? Perform live at gigs? Record and produce your songs and film clips? MiTunes is for you! MiTunes is a practical class which involves students forming bands and rehearsing in ensembles for regular live performance. Students perform covers and original interpretations of songs and supply constructive criticism of their own and their peer’s performances. Students also use Pro Tools software to record their band and direct, edit and produce a film clip.

Domain: Performing Arts | Cost $0
Photography

Course Description
Are you the next Henri Cartier Bresson chasing the decisive moment of a photograph? Or perhaps the next Neil Leifer freezing the fast motion of athletes playing sport? Or possibly you see yourself as the next Bill Henson, creating moody and dark portraits? This elective is designed for students who enjoy working with cameras and can imagine themselves working in the Media or Arts industry in the near future. Students will learn new skills with high quality cameras and industry-specific programs such as Adobe Photoshop. They will learn manual camera setting and how to work with different types of lighting in a studio setting.

Elective fee includes resources.

Domain: The Arts  |  Cost $50

Visual Communication Design

Course Description
In Visual Communication Design students will communicate visually and conceptually for a range of design fields including architectural environments, textiles, objects or graphics and marketing. Students will learn traditional skills to successfully make and use technical drawing, models and digital applications. Students present and evaluate their designs, looking at past design movements and influence on current designs.

Elective fee includes resources.

Domain: The Arts  |  Cost $50

Street Art

Course Description
Be inspired by international contemporary street artists like Banksy, Pixel Pancho and Mentalgassi and find out about the origins of street art. Explore and learn about the street art culture of Melbourne, one of the best places in the world to view street art. Express yourself by exploring street art techniques such as stenciling, wheat-pasting, and graffiti-style lettering to create your own unique artworks. Work as a group to create a larger artwork or mural that expresses who we are and could possibly be displayed in the College.

Domain: The Arts  |  Cost $30
Year 9 Selection Sheet for 2020

PLEASE NOTE: Selection Sheet must be returned to E1 by Wednesday 7th August 2019.

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>COST</th>
<th>CHOICE</th>
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<tbody>
<tr>
<td><strong>Health and Physical Education - (Semester elective)</strong></td>
<td></td>
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<tr>
<td>Get Active Girls</td>
<td>$20.00</td>
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<tr>
<td>Health</td>
<td>$20.00</td>
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<tr>
<td>Move it</td>
<td>$20.00</td>
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<tr>
<td>Mountains to the Sea</td>
<td>$370.00</td>
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<tr>
<td>PTS Sports Science Semester 1</td>
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<tr>
<td>PTS Sports Science Semester 2</td>
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<td>Staying Alive (First Aid)</td>
<td>$130.00</td>
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<td>Team Sports</td>
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<td><strong>Humanities – (Semester elective)</strong></td>
<td></td>
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<tr>
<td>Civil Rights Movement</td>
<td>$0.00</td>
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<td>Money, Business and You</td>
<td>$0.00</td>
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<tr>
<td>The Law and You</td>
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<tr>
<td>World War I</td>
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<td><strong>Science – (Semester elective)</strong></td>
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<tr>
<td>Brain Buzz</td>
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<td>Chemistry - Chemical Reactions</td>
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<td>Forensics</td>
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<td>Project Based Learning</td>
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<td>Physics - Seeing and Powering</td>
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<td>STEM</td>
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<td>Zoology</td>
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<td><strong>Technology- (Semester elective)</strong></td>
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<tr>
<td>Automotive Basics</td>
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<tr>
<td>Bakehouse</td>
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<td>Computers in the real world</td>
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<tr>
<td>Creative Computing and Game Making</td>
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<td>Product Design &amp; Technology</td>
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<td><strong>Language and English Elective</strong></td>
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<tr>
<td>Indonesian Language and Cultural Studies (Year elective)</td>
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<tr>
<td>Japanese Language and Cultural Studies (Year elective)</td>
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<tr>
<td>Supernatural Literature ( Semester)</td>
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