

2020
Year 9-10
Electives



*Strength Through
Understanding*

Arts

Semester One

Photography- Visual Art

What makes a good photo? Learn the basics of digital photography by navigating your way through the functions of a digital camera. Upload your favourite photos and experiment with a variety of photo-manipulation techniques and software using Photoshop. Create effective photos through experimentation with composition, lighting, viewpoints and playing with art elements and principles. Critically evaluate your own photographs and analyse the techniques, elements and principles used by photographers over the past one hundred years.



Painting and Drawing- Visual Art



What's your style? Abstract, realistic, expressionistic, surrealistic or graffiti? In this unit, we experiment with a range of artistic styles influenced by the work of other artists from different times and places. You get to choose the subject matter which best expresses your interests and individuality or communicates your beliefs and values. Experiment with media such as charcoal, dry pastels, oil pastels, inks, watercolours or acrylic paint. Discover ways to critically evaluate your work and the work of other artists.

Music and Sound Production-Arts-Music

In this unit, students will write, perform and record their own songs. Students will gain an understanding of the techniques and procedures available for song writing and be introduced to the technology available in the production, recording and performance of music. Students need to be able to play a musical instrument. This unit is advised (but not essential) if considering undertaking VET Music.



Arts

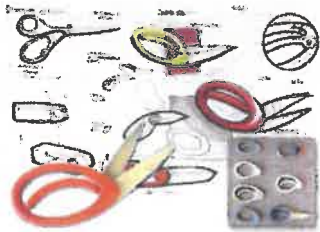
Semester Two

Sculpture (Visual Art)



Free standing – walk around it! Relief – hang it on a wall! Kinetic- make it move! What type of sculpture do you want to create? Explore a diverse range of processes and experiment with an assortment of materials including clay, plaster, sandstone, latex, das pronto, papier mache, polystyrene, wire, wood, plastic, tilesthe list is endless! Use a variety of casting, modelling, carving or assembling techniques to create a three-dimensional masterpiece. Learn to critically evaluate your own work and analyse the sculptural techniques used by contemporary and traditional sculptors.

Industrial Design (Visual Communications)



Like making or inventing things? Or are you considering an occupation or apprenticeship that relies on working drawing? Learn how to re-design or create an entirely new product according to a client's brief. Consider your target audience while exploring the conventions, rules and standards of freehand and technical drawing. Present your final solutions professionally, using either digital or hand drawn methods.



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Technologies

Semester one

The Bakery- Food Technology

In this unit students will prepare a range of foods suitable to be sold in a bakery. This will include a variety of pastries, breads and cakes. Each student will be catering for a client as well as preparing the majority of the food items for themselves. The unit will run as a small business and the ability to work co-operatively as a team member is a vital part of this unit. Any profits made from the client sales will be used to either purchase equipment, provide water or health services for families in developing countries. This will be arranged through a charity organisation such as Tears Australia or World Vision. This will give the students an opportunity to be involved in a Global Health Community project and the students will receive a certificate for their contribution. This aspect of the unit is a good preparation for VCE Health and Human Development where Global Health is a major component of the course.



Paddock to Plate- Food Technology



In this unit, the students studies specific case studies of paddock to plate businesses in the local area as well as learning about organic farming, food miles and sustainability and the environment.

The focus of the practical classes was producing recipes using local produce and seasonal ingredients making a range of sweet and savoury dishes which included a variety of preserves.

Basic Furniture Construction- Wood Technology

This unit aims to extend students basic skills and knowledge in research, design and construction. Students are given the opportunity to creatively design and construct projects from different design briefs. Students are instructed on the correct use and care of all tools used in this area of study; including electric belt and orbital sanders, scroll saw, wood planes, saws, wood lathes, bench grinders, drill presses.



Creative Glass Creations-Metal Technology

This unit aims to introduce students to using different glass in creative ways to product an end product. Students will develop new and exciting skills from 'hands on' experience using a range of equipment. In this unit, students learn how to measure and cut glass accurately according to their own personal designs, using a glass cutter and glass grinder. Creative glass is where both clear and coloured glasses are cut, joined by lead and soldered together to make windows, lampshades, panels, terrariums etc. A variety of tools are used in this process. Students will be expected to focus on the safety aspects involved when using these potentially dangerous materials.



Technologies

Semester Two

Cake Decorating- Food Technology

Cake decorating is a creative art, which gives a great deal of satisfaction as you become more proficient in this form of self-expression. This unit aims to help students develop their own skills and craftsmanship. Students will learn the various methods and techniques used to decorate cakes as they prepare a diversity of cake types. It is impossible to perfect all skills in such a short time however we hope to stimulate the enthusiasm necessary for students to continue to master the processes whenever opportunities arise.



Tastes of Europe- Food Technology



In this unit you will prepare a delicious range of food products from the countries in Europe using the key ingredients that are traditionally used in recipes from each of the countries. The main focus of the theory component will be the compilation of a recipe book which will include information about the culture and traditional foods of each country, the recipes you make in class and photographs of your productions. This will be completed using a computer and you will have the opportunity to produce a beautiful coffee table book using a program to print your book if you choose to do so at your own expense. A commitment to the participation in this component of the unit is a criteria to satisfactorily pass this unit.

Advanced Furniture Construction- Wood Technology

These units aim to introduce and extend students basic skills and knowledge in Research, Design and Construction. Students are given the opportunity to be creative and original in their design ideas. Students will be instructed in the correct use and care of a range of hand and power tools. They are encouraged to use different materials in their products which can include different timber types (pine, jarrah, etc.), glass and metals.

Some product ideas include: Shelving Units, Bedside Cabinets, Small Tables, Entertainment Units, Chest of Drawers.



Basic Welding and Small Engines- Metal Technology

This unit aims to introduce students to welding and small engines. Students will develop new and exciting skills from 'hands on' experience using a range of equipment. It will involve joining different metals together using arc and mig welders, bronzing using oxyacetylene and riveting techniques. Unusual and innovative shapes can also be curved or twisted using metal craft tools to create functional or decorative pieces. Exploring two-stroke engines will entail disassembling and reassembling an engine to examine its working parts. A variety of tools are used in this process. In both areas students will be expected to focus on the safety aspects involved when using these potentially dangerous tools.



Humanities

Semester One

Issue in Law- Commerce

The purpose of the law is to protect individuals and to make clear the rights and responsibilities of individuals.

Many issues within in our society create spirited discussions regarding the appropriateness of the law and its ability to cope with the changing ideas and needs of society.

For each issue we look at:

- The current and proposed law
- The purpose of the law
- The conflict or dilemmas faced
- Conflicting attitudes

Some of the issues we could look at include same sex marriage, euthanasia, reducing the legal driving age or shark culling.



Life on the Beach- Geography



We live in a changing world. With around 40% of the world's population living within 100km of the coast, and many others visiting, it is easy to see how we might love our coastline to death. This unit considers environmental change and management with a focus on coastal environments. As an important element of our geographical enquiry, we will undertake at least one fieldwork activity (possibly to investigate the Middle Island Maremma Project in Warrnambool). Less than one quarter of the planet's land surface can be still considered wild and many people travel to try to experience these places. The second major part of our

studies will involve an investigation of coastal tourism in our area, Australia and the wider world.



Hitler and the Holocaust- History

In this unit students have the opportunity to study the major features of The Holocaust. Integral to this study is the development of students' understanding of the nature of historical inquiry. Of particular relevance is the study of historical causation and factors contributing to continuity and change. This unit gives students an awareness of the enormity of the crimes committed during the Holocaust. Students will



be required to develop an inquiry project based on one aspect of Holocaust and you will need to give an oral presentation. We will also be visiting the Holocaust Museum in Melbourne as part of this elective.

Other Electives

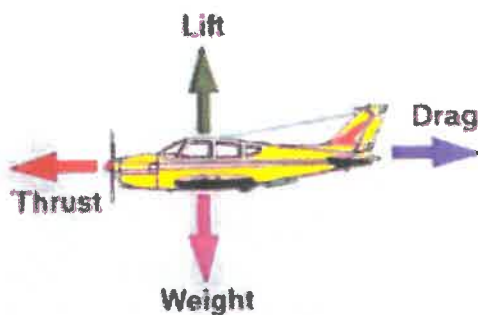


Semester One

Japanese language- LOTE

In this 9/10 elective, students will study daily routines, school life, and how young people spend their leisure time. It will also cover careers and part-time jobs. The study of Japanese culture will be embedded in topic focus, with a strong emphasis on speaking, listening, reading and writing in Japanese.

Aerodynamics and Flight Principles- Science



Have you ever wanted to fly? How do we explain flight? Flight has fascinated humans throughout history with many brave and inquisitive people leading the way to build a variety of machines and objects that fly. In this science based elective we will explore the principles of flight. Through hands on activities we will investigate the design and structure of objects that move through the air or assist flight (e.g. boomerangs, feathers, plane wings, rockets). We will explore the physics behind design principles used in flight and apply our learning to a final 'flight project'.

Semester Two



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CSI Forensic Science- Science



Discover the underlying principles in chemistry, physics and biology associated with the intriguing world of Crime Scene Investigation. This class is designed to engage students, and explores how scientific principles reveal the hidden secrets of crime scenes. Throughout this class students will develop an understanding of topics such as crime scene protocol (searching for evidence), human identification (fingerprint identification, DNA, blood analysis, anthropology, dental analysis) and evidence analysis (fibres, hair, toxicology). This course endeavours to

relate all theory to practical applications, allowing students to develop an understanding of the methods of forensic science.