

Index for 2018 Year 9 Handbook

Index	Page 1
Introduction	Page 2
Year 9 Curriculum Structure for 2018	Page 3
Accelerated & Enhanced Learning	Page 3
Assessment & Reporting	Page 4
Other Requirements	Page 5

CORE OUTLINES	
English/EAL	Page 6
Mathematics	Page 7
Science	Page 8
Health & Physical Education - PE	Page 9
Health & Physical Education - Health	Page 10
Humanities – History/Geography	Page 11

MAJOR ELECTIVES	
Dance.....	Page 12
Drama	Page 13
English/EAL	Page 14
Food Technology	Page 15
Information Technology	Page 16
Media Studies	Page 17
Music Performance.....	Page 18
Product Design -Textiles	Page 19
Visual Art 2D	Page 20
Visual Art – 3D Sculpture	Page 21
Visual Communication Design	Page 22
Woodwork & Design.....	Page 23
Youth Development – Advance	Page 24

MINOR ELECTIVES	
French	Page 25
Japanese	Page 26
Latin	Page 27

SEMESTER ELECTIVES	
Applied Science.....	Page 28
Creative Cooking.....	Page 29
Creative Metal	Page 30
Creative Writing.....	Page 31
Drama – Acting & Presenting.....	Page 32
English/EAL	Page 33
First Aid.....	Page 34
Fitness Training.....	Page 35
Film Studies	Page 36
Flavours of the World	Page 37
Graphs & Technology in Maths.....	Page 38
Information Design & Technology	Page 39
Into the Past Through Movies.....	Page 40
Music Performance.....	Page 41
Outdoor Education	Page 42
Philosophy	Page 43
Photography	Page 44
Fabric Art	Page 45
Visual Art – 2D	Page 46
Visual Art – 3D Sculpture	Page 47
Visual Communication Design	Page 48
Wood Design for Living Today	Page 49
STEM.....	Page 50
Food Art and Design	Page 51

Introduction

The purpose of this handbook is to provide information to parents and students about the various Year 9 Core and Elective subjects available at Dandenong High School in 2018.

The Dandenong High School curriculum framework is based on the principles of deep learning, high expectations of student outcomes, team teaching and collaborative learning. The curriculum provides students with an opportunity to be independent, active and reflective learners who take responsibility for their learning and set meaningful learning goals.

Years 7 – 9

- Students in each year level work closely with a team of three teachers for English, Maths, Science and Humanities in groups of 50 within their House
- The Teaching Teams have regular contact with their group of 50 students which enables the development of powerful learning relationships between the student and teachers
- Health/PE, Design, Creative Technology and Arts based subjects will be delivered in specialist learning spaces by specialised teachers
- In Years 7 and 8, students study a Language Other Than English (LOTE) as part of their learning program. Students have the opportunity to continue their learning of a language in Years 9 and 10 through the Elective Program
- In Years 9 and 10 Dandenong High School offers students the opportunity to select from an extensive elective program. Students are encouraged to explore their learning, deepen their understanding of the world and further develop fundamental knowledge and skills through the selection of subjects such as Multi-Media, Philosophy, Food Technology, 3D Art, History Through Film and Information Technology

Students should carefully consider their choice of elective subjects for Year 9 and include subjects from a range of learning areas. They should give particular thought to:-

- Interests and abilities
- Future studies in the Senior school
- Tertiary courses
- Future Pathways
- Career intentions
- Leisure and hobbies

It is recommended students during Year 9 select a range of electives from within the Arts and the Design and Technology Domains to enable them to broaden their interests and develop the knowledge necessary to make informed decisions about their future senior studies and the pathways they may want to pursue.

Please read carefully all the information and instructions in this handbook before completing the Official Subject Selection Sheet which must be submitted to House Leadership Team **by Friday 1st September** .
Course Confirmation Day will be Wednesday 25th October in the School Gym from 2.00pm to 6.30pm.

Year 9 Curriculum Structure for 2018

The Year 9 Curriculum consists of Core Subjects which are compulsory and Elective Choices.

Core Subjects

- | | |
|---|---------------------------|
| ▪ English/EAL | 7 periods [per fortnight] |
| ▪ Humanities
(incorporating History and Geography) | 5 periods [per fortnight] |
| ▪ Science | 5 periods [per fortnight] |
| ▪ Maths | 6 periods [per fortnight] |
| ▪ Physical Education | 4 periods [per fortnight] |
| ▪ Learning Tutor* | 3 periods [per fortnight] |

*The Learning Tutor program is designed to provide personalised support and guidance for each individual student in their learning. The Learning Tutor program will incorporate private study time, literacy and numeracy skill development, targeted pathway planning and a range of learning experiences designed to enable all students to gain a deep understanding of who they are as learners and thereby achieve success in their learning.

ELECTIVES SELECTION FOR YEAR 9 IN 2018 [10 periods per fortnight]

Students will select different types of electives:

- Everyone will choose **One Major Elective** that has 4 periods per fortnight for the whole year (2 semesters) and then either:
 - A **LOTE** and **2 Semester Electives**
- OR**
- **Four Semester Electives** that have 3 periods per fortnight for one semester.

Year 9 Accelerated & Enhanced Program

Students in the Year 9 Accelerated & Enhanced Program will be offered experiences that will enrich and extend their learning.

They will complete the Core Subjects of English, Mathematics, Humanities, Science, Physical Education and Personalised Learning. They will be given the opportunity to select **electives** from the extensive program outlined in this booklet.

It is recommended students select a range of Electives from within the Arts, Design and Technology Domains to enable them to broaden their learning and develop the knowledge necessary to make informed decisions about their future Senior Studies and Career Pathways.

Assessment & Reporting for Year 9

Assessment and Curriculum Design

All learning in Years 7-10 is based on the Victorian Curriculum, which sets out what every student should learn. The curriculum is designed to promote and encourage life-long learning, social development and active and informed citizenship through the core learning areas of English, Mathematics, Science, Humanities, Languages, Health and Physical Education, the Arts and Technologies. Students also develop, through each Domain, critical and creative thinking, ethical and intercultural understanding and personal and social skills. Each School will plan and develop the delivery of their curriculum to best meet the needs of their community. Through each Domain, student learning is assessed in a variety of ways. Assessment is purposefully designed to ensure that every student can access the learning at their own stage of readiness. Across Domains tiered common assessment tasks (CATs), are designed and implemented to assess what students know, understand and can do. Furthermore, the CAT provides a differentiated exit from the learning and supports students to achieve their personal best. CATs are timed strategically to ensure all learners can demonstrate authentic achievement against the standard. Teacher judgements are made about student achievement at a point in time (at the conclusion of, and part of a learning sequence) and the feedback provided from the student based on their achievement is used to plan future learning goals.

In the Senior Years, students are assessed according to VCAA guidelines (VCE/VCAL), outlined in the Schools Later Years Policy.

Reporting and Feedback

Reporting has two essential functions at Dandenong High School. Firstly, it enables the centralised compilation of all student learning data to occur. Secondly, it allows learning progress to be communicated to students, parents/guardians and other members of the school community, which supports teaching and learning practices to improve student learning outcomes. Furthermore, Reporting enables parents/guardians to take on an active role in the education of their child, providing clear guidelines and strategies for the provision of learning support at home.

Formal reporting happens throughout the year, with Parent and Teacher Interviews taking place to promote dialogue that will support learning growth. We encourage all parents/guardians to take this opportunity to meet their child's teachers and discuss learning progress. Additional interviews can be arranged by parent or teacher request.

Other Learning Programs at Dandenong High School

Dandenong High School offers the following additional learning programs:

- Outstanding EAL programs throughout the school
- Specialty programs with a multicultural focus provided by Adult Multicultural Education Services
- Accelerated and Enhanced Learning Program
- Integration Support programs throughout the school
- Provision of a "Homework Support Program" as an after school service operating each week on a Tuesday afternoon from 3.30 – 5.00pm in the Jacaranda Centre
- Provision of Pathway Planning that seeks to provide each student with a clear understanding of potential Career Pathways and Educational Entry requirements that will allow them to pursue further Tertiary Studies, Further Education and Training and/or Employment

OTHER REQUIREMENTS

ATTENDANCE POLICY - YEAR 9

- **Students are required to attend ALL timetabled classes and school activities**
- Attendance will be recorded by each subject teacher and House Leadership Teams.
- On the day a student returns to school after an absence, it is her/his responsibility to supply an absence note and/or Medical Certificate to the House Attendance officer
- Only correctly dated medical certificates will be accepted. No medical certificate will be accepted more than seven days after their absence
- **Staying at home to do work is NOT permitted as an excuse for being absent**
- If a student is genuinely sick on the day a Learning Activity is due, the work must be handed into that particular subject teacher before 8.55am on the day he/she returns (together with the Medical Certificate to the House Leadership Team)
- If a student is involved with a school based activity that will cause the student to miss classes, then **approval must be gained prior to the lessons being missed.**

Student Leadership

At Dandenong High School student leadership is recognised and celebrated. Every student has the opportunity to develop leadership skills within their house community, participate in the leadership programs offered and apply for formal leadership positions.

In 2018 the school student leadership team will consist of two School Captains, two Student Representative Council Presidents, two House Captains for each House, and seven Student Representative Council Representatives. The school also encourages an active student voice through these student leadership positions.

CORE OUTLINES

YEAR 9 ENGLISH/EAL



Core – English/EAL – Full year

Learning Focus

The Year 9 English/EAL course extends students' literacies in the four main communicative areas of listening, speaking, reading and writing to prepare them well for their VCE studies. Students will develop an enjoyment and critical appreciation of a wide variety of texts. They will be encouraged to draw upon the complex themes in their study of texts and be inspired to create their own pieces of writing. Students will respond both orally and in written form, to a variety of issues in the media; and demonstrate their ability to critically evaluate the issue through their understanding of how language is used to persuade. Students will develop their confidence in writing in different contexts, using effective expression and a variety of forms, for a range of purposes and audiences.

Learning Outcomes

Reading and Creating Texts:

- Students will read a range of texts to examine different perspectives on complex themes and issues. They will demonstrate their critical understanding of the texts through short and extended responses. They will also develop creative responses to texts, exploring how purpose and audience affect the choices they make as writers in developing ideas and planning work, making choices about structure, conventions, and language to develop voice and style.

Speaking and Listening:

- Students will deliver a variety of oral presentations to both the class and to smaller groups. Further, they will participate in class discussions to develop their listening and speaking skills.

Analysing and Presenting Argument:

- Students will analyse persuasive techniques used in a range of print, non-print, and multi-modal texts to explore how points-of-view are constructed. They will produce a sustained critical response on the issues studied each semester.

Reading and Comparing Texts:

- Students explore how comparing texts can provide a deeper understanding of ideas, issues and themes. Students produce a written comparison of selected texts, discussing important similarities and differences, and exploring how the texts deal with similar or related ideas, issues or themes from different perspectives.

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Essays
- Reading
- Speaking and Listening Tasks
- Writing Tasks

Future Studies

- Year 10 English/EAL
- Year 10 Connect
- VCE English
- VCE Literature

YEAR 9 MATHEMATICS



Core – Full year

Overview

The Year 9 Mathematics course follows the Victorian Curriculum. Year 9 Mathematics is organised around the interaction of three content strands and four proficiency strands. The content strands are *Number and Algebra*, *Measurement and Geometry*, and *Statistics and Probability*. The proficiency strands are *Understanding*, *Fluency*, *Problem Solving*, and *Reasoning*. Study in year 9 Maths is an important foundation for future study of maths up to and beyond VCE.

Learning Focus

In this subject students will develop an extensive understanding of the topics covered:

- In Semester 1, students will explore numeracy, measurement (length, areas & volumes), number skills, algebra, probability, Pythagoras and trigonometry, and basic indices.
- In Semester 2, students will explore Linear and non-linear graphs, Geometric reasoning, Financial arithmetic, Statistics, Quadratic Algebra, Non-linear Relations, and Proportions and Rates.

Learning Outcomes

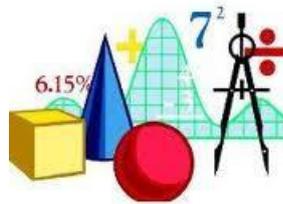
In this unit students will:

- acquire mathematical skills and knowledge so that they can deal confidently and competently with daily life
- be able to pose and solve problems and reason in *Number and Algebra*, *Measurement and Geometry*, and *Statistics and Probability*
- develop knowledge and skills in using mathematics for employment, further study and interest
- understand the dynamic role of mathematics in social and technological change
- use technology to support the learning of mathematics, and carrying out mathematical activities in context
- systematically group, organise, and interpret data from experiments and surveys
- learn to apply appropriate methodologies to difficult and challenging problems

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum standards.

- Problem solving activities and investigative tasks
- Tests including an end of semester Common Test
- Projects/Assignments
- Online assessment tasks
- Homework Tasks



Future Studies

- Preparation for continued study in Mathematics through to and beyond VCE.
- Students who complete this course would be expected to continue on to Year 10 Mathematics
- Students can be further challenged in Mathematics by enrolling in the Year 9 Graphing and Technology Mathematics elective.

YEAR 9 SCIENCE

Core – Science – Full year



Learning Focus

In this subject students will:

- Develop a deeper understanding of the basic scientific skills and concepts in chemistry, physics, earth science and biology
- Develop their observing, recording, reporting and analysing data skills
- Apply their understanding of scientific theories to real world issues significant to themselves as individuals and to the community in which they live
- Develop scientific vocabulary and students' comprehension of written scientific material from a variety of sources
- Develop team spirit and co-operation in practical work, research work and class work
- Develop a sound basis for the future study of science

Specialised skills and learning

Students will study the following topics:

- How body systems work together to maintain a functioning body and fight disease
- The structure of the atom and properties of important materials
- Chemical reactions of acids with metals, bases and carbonates
- How energy flows into and out of an ecosystem and the dynamic relationships that exist in ecosystems
- The theory of plate tectonics, global patterns of geological activity and continental movement
- The importance of heat energy in global systems
- Constructing electric circuits and understanding the concepts of current and voltage.

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Class workbook
- Quizzes
- Scientific reports on the practical activities carried out in class
- Common Assessment Tasks including research projects, practical reports and tests.



Future Studies

- VCE Biology, Chemistry, Physics, Psychology and Environmental Science.
- Students can be further challenged by taking the Applied Science elective.



YEAR 9 HEALTH & PHYSICAL EDUCATION

Core – Physical Education – Full year



Learning Focus

In this subject students will learn about:

- The rules, tactics and strategies that are involved, across a variety of sports
- The factors that influence peoples motivation to be physically active
- What a healthy level of physical activity is and how this relates to them
- Complex movement and manipulative skills, across a variety of sports

Learning Outcomes

In this subject students will:

- Participate in a wide variety of physical activities
- Analyse and evaluate their own levels of physical activity
- Learn how to demonstrate proficient complex movement and manipulative skills
- Learn how to maintain regular participation levels in moderate to vigorous physical activity
- Develop the capacity to combine motor skills, strategic thinking and tactical knowledge to improve individual and team performance

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum:

- Fitness testing and evaluation
- Participation in regular physical education classes
- Proficiency in a wide range of sporting skills assessed during drills and game situations

Future Studies

- Year 10 Core Physical Education
- Year 10 Advanced Physical Education
- Year 10 Sports Coaching, Fitness and Recreation (VET Sports Career Oriented Participation – Cert 2)
- Year 10 Outdoor Education
- Year 10 Health and Human Development
- VCE Physical Education
- VCE Outdoor and Environment Studies
- VCE Health and Human Development

YEAR 9 HEALTH & PHYSICAL EDUCATION

Core – Health Education – Full year



Learning Focus

In this subject students will:

- Develop their knowledge around the changes that are associated with puberty, family and personal values, while also reflecting on their own lives
- Develop the knowledge and understanding around strategies which protect and improve people's health (both individual and communal)
- Identify strategies to help build and maintain effective relationships
- Research issues and events of personal and community importance related to risk taking and relationships

Learning Outcomes

In this subject students will:

- Participate in team based learning activities investigating the many concepts covered in this course
- Develop an understanding of personal and community health issues
- Demonstrate an understanding of ways to access support services for young people
- Reflect on influences of risk taking behaviour and harm minimisation strategies relating to bullying and cyber bullying, relationships and alcohol and other drugs.

School Assessed Tasks

At Year 9 students are expected to achieve at Level 9 of the Victorian Curriculum. Performance on the following tasks will provide evidence of student progress in relation to the expected level

- Completion of their workbook
- Semester based Tired Assessment Tasks
- Formative assessment
- Tests, assignments and written tasks

Future Studies

- Year 10 Core Health Education
- Year 10 Health and Human Development
- VCE Health and Human Development

YEAR 9 HUMANITIES

Core – History/Geography – Full Year

Learning Focus

In this unit students will:

- Examine the years from Aboriginal inhabitants including European settlement, considering the impact of European settlement on indigenous Australians
- Focus on key events in the development of Australia during the 18th and 19th centuries including such events as the Gold Rush, the Eureka Rebellion, Federation and World War I.
- Explore biomes of the world, their alteration and their significance as a source of food.
- Investigate the environmental challenges and constraints on food production and security in the future
- Investigate the interconnections between people and places
- Students develop their personal financial literacy skills and understanding about the role of savings and investment.

Learning Outcomes

In this unit students will:

- Demonstrate an awareness of different historical sources and representations
- Recapture thoughts, events and ideas from the past and relate them to the present
- Develop skills in the area of critically analysing historical evidence and data
- Use key geographic concepts such as place, space, environment, interconnection, sustainability, scale and change

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

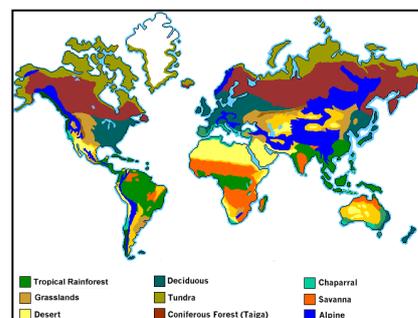
- Workbook & Folio
- Research Assignment
- Verbal Presentation based on Research
- Problem Solving Activities
- Topic Tests



Future Studies

Year 9 students who enjoy the History, Geography and Economic and Civil components of the course may consider the following Year 10 and VCE subjects at a later stage:

- Year 10 Humanities (Combined)
- Year 10 Geography
- Year 10 History
- Year 10 Commerce
- Year 10 Sociology
- Introduction to Classics
- VCE History (Unit 1 & 2)
- VCE Geography (Unit 1 & 2)
- VCE Classical Studies
- VCE Global Politics
- VCE Religion & Society



MAJOR ELECTIVES

It is recommended Year 9 students select a range of electives from within the Arts and the Design & Technology Domains to enable them to broaden their interests and develop the knowledge necessary to make informed decisions about their future senior studies and the pathways they may want to pursue.

THE ARTS

Elective - Dance – Full year



"Dancing with the feet is one thing, but dancing with the heart is another"

Learning Focus

In this unit students will:

- Be introduced to various dance styles
- Learn fundamental skills associated with performing
- Develop skills in safe dance practice
- Develop stage presence and an understanding of dance as a form of communication
- Develop an understanding of the impact of costume, makeup, lighting, music
- Develop a understanding of the interactions between dancers in performances
- Develop an understanding of the many different forms of dance and explore the execution of movements from all forms
- Develop the skills to work collaboratively with others and appreciate individual contributions
- Develop the skills of analysis and observation

Learning Outcomes

In this unit students will:

- Experiment with various dance styles
- Learn and perform various routines
- Choreograph and perform individual and group dance works
- Perform in a variety of settings
- Analyze and interpret dance works
- Develop an understanding of goal setting and the importance of reflection and evaluation

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum:

- Participating actively in all classes and contributing to teams
- Reflective Diary collected each term – goals and goal setting
- Observational Rubrics – performance of their learnt choreography at the end of each unit
- A Community Project
- Extra-curricular school based performances

Future Studies

- Year 10 Dance and Year 11 & Year 12 VET Dance

Cost \$30.00

THE ARTS

Elective – Drama - Full year

Learning Focus

In this unit students will:

- develop acting skills and apply them to improvised and rehearsed drama.
- develop social skills both as individuals and as members of a group
- develop performance skills and an appreciation of the performing arts through analysis and evaluation
- develop self-confidence and effective communication skills through activities heavily focusing on a range of theatrical styles.



Learning Outcome Tasks

In this unit students will:

- create and present drama that explores a variety of themes, styles, issues and ideas, regularly during class time
- Structure, rehearse and present group-devised pieces of drama utilising the styles, forms and approaches explored throughout the subject
- create a folio of design based on the performances prepared and explored in class
- Analyse and interpret the structure, content and aesthetic qualities of drama performances, both their own and the work of others

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Self-managed and designed performances
- Theatre design
- Performance evaluation



Future Studies

- Drama Year 10
- VCE Drama
- VCE Theatre Studies



ENGLISH/EAL

Elective – English as an Additional Language (EAL) – Half Year

Learning Focus

The Year 9 English as an Additional Language (EAL) class gives extra help to students in their studies in the mainstream English/EAL class. This class focuses on the four main areas of listening, speaking, reading and writing. The class gives students an opportunity to practise their English skills in a small groups.

Students can choose to complete the half year, full year or both electives.

- Half year – 3 periods per fortnight for 2 terms.
- Full year – 4 periods per fortnight for the whole year.

Learning Outcomes

Reading:

- Students will read many different types of writing like novels, newspapers, letters, and reports. Students will improve their ability to understand and analyse what they are reading.

Speaking and Listening:

- Students will improve their ability to speak and listen in English. They will participate in class discussions, conversation role plays, and oral presentations.

Writing:

- Students will improve their ability to write in different styles, including stories, essays, reviews, dialogue, and poetry.

School Assessed Tasks

Student achievement on these activities will be used to assess students against the EAL developmental Continuum.

- Work Book/Journal
- Writing Pieces
- Reading/viewing activities
- Oral Presentations

Future Studies

- Literature – Year 10
- Year 10 Connect
- VCE English / EAL / Literature
- VCAL Literacy



DESIGN & TECHNOLOGIES

Elective - Food Technology – Full Year



Learning Focus

In this unit students will learn about:

- Nutrition and the diet. This involves a study of the major nutrients, their food sources and health issues associated with poor diet
- Adolescent eating patterns. A study of their eating habits and the influences on adolescent food choices. This includes the impact of convenience foods, fast food outlets and advertising
- Packaging and Labelling. This unit will look at packaging, labelling requirements and food additives. It also includes marketing, advertising, changes in packaging, recycling and package designing
- The history of food in Australia. This unit looks at the influences on Australian food over the past 100-120 years. It also looks at Aboriginal history and bush tucker
- Food for entertaining is included in this unit. This looks at celebratory and festive foods with a focus on catering projects suitable for adolescents

Learning Outcomes

In this unit students will:

- develop skills in food handling and production
- develop a greater awareness of safety and hygiene procedures
- develop skills in the investigation, design, production and evaluation of food and food products
- develop an awareness of consumer issues, particularly those relating to adolescents and the general community

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Production/2 Practical exams
- Folio and workbook
- Tests
- Research and production learning activities

Future Studies

- YR 10 Food Technology
- YR 10 Hospitality
- VCE FOOD TECHNOLOGY
- VET Hospitality

Cost

- \$120.00

DESIGN & TECHNOLOGIES

Elective – Information Technology - Full Year



Data



Process



Information



CyberSafety

Learning Focus

This elective involves the understanding of the computer as a tool to solve problems in addition to the intrinsic study of the computer's role in society. The key focus in the technology process involves the 4 key areas of the Design Process: Investigation -> Design -> Production -> Evaluation. Optionally, students study how individuals in organisations, such as small businesses, and sporting clubs use information systems. Students may also work in project teams to co-ordinate the creation of a project and electronic documentation. They evaluate the extent to which the project and documentation are useful.

Learning Outcomes

In this unit students will:

- become aware of rights and responsibilities when using a computer network.
- develop problem solving skills
- gain experience in using several software types

Students will use a variety of software to gain specific skills and to learn to solve problems using the computer as a tool. A variety of modules will be offered. Such as:

- Legal aspect of IT
- Networking
- Microsoft Excel
- Scratch or BYOB (game construction and design)
- Web design 1 – using basic HTML5 skills
- Web design 2 – using CSS3

Students can select four of these modules for this year-long subject.

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

Depending on modules chosen, students will be expected to:

- Complete classroom tasks
- Complete assignment work
- Satisfactorily complete any topic tests

Students are encouraged to enter the Computer Competition.

Future Studies

Students wishing to do VCE Unit 1 to 4 or VET IT should consider taking this subject, as well as students who simply enjoy IT.

Cost

There will only be a fee involved for students choosing to enter the Computer Competition.

THE ARTS

Elective – Media Studies - Full Year

Learning Focus

In this unit students will learn about:

- The influence the media has in society
- The impact of social media
- An exploration of the history of both photography and film
- Black and White photographic processes
- Digital Photography
- Storyboarding & Video Production
- Animation



Learning Outcomes

In this unit students will:

- Undertake photographic and film production work
- Successfully use a D-SLR camera
- Develop competencies across a range of software programs
- Complete two shot films demonstrating a different genres
- Present a research project using a specific media format

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Workbooks accurately reflecting notes taken in class
- A research assignment presented using digital technology
- A selection of printed photographs on a specific theme
- Two short films using i movie or Final Cut Software
- One essay reflecting on the influence of the media in our lives.

Future Studies

- Year 10 Media Studies
- VCE Studio Arts
- VCE Media Studies

Cost:

- \$70.00

THE ARTS

Elective – Music Performance – Full year



PERFORM



LISTEN

RESPOND



CREATE

EXPLORE!

This subject will be offered as a FULL YEAR and SEMESTER SUBJECT

Music Performance at year 9 level is a creative and advanced elective which offers students a variety of skills, techniques and processes geared towards a more independent way of exploring, experimenting, thinking and creating. They will explore **performing, reading and writing music, responding to music in different contexts, mixed media and more.** Any excursions will be directly linked to practical and theory units covered in class.

Learning Focus

In this unit students will develop:

- Exploring and independently developing techniques, skills and processes
- Using a variety of media, materials and technologies to develop a more advanced approach toward their uses and applications
- Exploring and comparing issues, themes, styles & artistic movements past and present

Learning outcomes

- Plan original music that explores themes and ideas which have been developed independently
- Develop and present music appropriate to chosen styles and forms, reflecting influences from existing styles past and present
- Analyse and interpret the content, structure and qualities of musical works past and present
- Discover and explore composers/songwriters of the past and present & their cultures

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum..

- Theory / aural exercises workbook
- Performance and rehearsal logbook
- Research projects
- Composition workbook/folio

Future Studies

This subject can lead to a variety of design courses and career paths if followed through to:

- Year 10 Music
- VCE Music Performance
- VET Music (external)
- TAFE Music Studies

DESIGN & TECHNOLOGIES

Elective - Product Design – Textiles- Full Year

Learning Focus

In this unit students will learn about:

- The design process
- Fashion illustration
- ICT and design software
- Safe use of hand and machine sewing
- Fashion history
- Textile design industry
- Fabric decoration techniques
- Creating patterns to construct textile products
- Fabric construction methods
- Trend and styling analysis and forecasting
- Presenting a product design folio
- Analysis and evaluation of products



Learning Outcomes

In this unit students will:

- Work through the Design Process and create individual design briefs
- Investigate Design Movements and history, use as inspiration to create moodboards
- Develop skills in fashion drawing and presentation illustration by hand and using design software
- Design a clothing range, complete fashion illustrations and produce a small matching accessory or product
- Experiment with decorative fabric techniques and create individual textile designs
- Analyse existing products to gain a deeper understanding of components and design structure
- Investigate sewing techniques and construction processes
- Produce a range of textile products

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the **Victorian Curriculum** Standards.

- Investigation and Design folio
- Design illustration exercises
- Participation in hand and machine sewing activities
- Production of hand decorated fabric designs
- Design and produce textile products
- Analysis and evaluation of design process
- Written report on fashion parade excursion

Future Studies

- Product Design & Technology –Textiles is a subject at Year 10
- VCE Product Design Textiles runs in Year 11 & 12
- Art & Design, Fashion Styling, Interior Design, Graphic Design

Cost

- \$80.00 per year



THE ARTS

Elective – Art - Full year



PAINT



DRAW



EXPLORE

Art- at year 9 level is a creative and fun elective which offers students a variety of skills, techniques and processes such as painting, drawing, printing, mixed media etc

Learning Focus

In this unit students will:

- **Explore**, develop and refine contemporary and traditional techniques, skills and processes
- Use a variety of media, materials, technologies and develop a more advanced approach to their uses and applications to form a final solution
- Develop an understanding of **the process** involved for **researching**, **developing** and applying a **design solution**.
- Explore and compare issues, themes, styles and artistic movements past and present

Learning Outcomes

In this unit students will:

- **Make** and present artworks that explore themes and ideas which also apply the Art elements and principles
- **Develop** and present artworks appropriate to chosen styles and forms, reflecting influences from existing styles past and present
- **Analyse** and interpret the content, structure and qualities of art works past and present
- **Discover** and explore artists of the past and present and their cultures

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Visual diary/workbook
- Folio Solutions
- Research /theory projects

Future Studies

- Year 10 visual art
- VCE Art
- VCE Studio

THE ARTS

Elective – 3D Sculpture - Full Year



CREATE with CLAY - MIXED MEDIA - PAPER MACHE - METAL

Art -3D at Year 9 level is a creative and exciting elective which offers students a variety of skills, techniques that focusing on clay work and sculptural related construction.

Learning Focus

In this unit students will learn about:

- **Developing** and refining two dimensional designs into three dimensional creative pieces
- **Exploring** a variety of construction techniques and working with a range of sculptural materials
- Exploring and responding to themes and styles from art movements, past and present

Learning Outcomes

In this unit students will:

- Explore and develop their design ideas
- **Create** and present three dimensional works exhibiting appropriate construction techniques
- **Analyse** and interpret the structure, content and aesthetic qualities of 3D artwork
- Analyse the characteristics and role of 3D artists in different cultural contexts

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Visual Diary/Workbook
- 3D folio solutions (practical work)
- Research/theory projects

Future Studies

- Year 10 Visual Art, 2D & 3D
- VCE Art
- Studio Art

THE ARTS

Elective – Visual Communication Design - Full year

House Symbol Design



Abby Zaplan

Learning Focus

In this unit students will learn about:

- The 3 fields of design, Communication Design, Industrial Design, Environmental Design
- Skills in freehand drawing, instrumental drawing and rendering
- The capacity to explore design thinking and to solve design problems creatively
- Technology and how to use it effectively to communicate visually.
- Developing critical and analytical skills in drawing and communicating through design

Learning Outcomes

In this unit students will:

- Explore the design process through branding and identity design in the communication Design Field.
- Rendering is explored and applied - techniques will be developed in the Industrial Design field .
- Technical drawing methods will be taught to the Australian Standards, these will be applied to both the Industrial design and environmental design tasks.
- Industry standard computer software is used through the course for many aspects of the design process
- The use of typography as an image is explored
- Communication design is analysed and applied in the use of diagrams

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Design workbook / folios
- 2D/ 3D design solutions
- Research/design theory tasks

Future Studies

Visual Communication Design is taught at year 9 and year 10 and continues to VCE, Units 1-4. The study of Visual Communication and Design would be an advantage to students who may wish to pursue a career in **Communication Design Fields** such as Graphic Design, Web Design, Typography, etc.. **Industrial Design Fields** such as Engineering, Product Design, Fashion Design, etc... **Environmental Design Fields** such as Architecture, Interior Design, Theatre Design, as well as many more related areas. Equally, it is a useful subject for those who wish to improve their communication skills.

DESIGN & TECHNOLOGIES

Elective - Woodwork & Design – Full year



Learning focus

In this unit students will:

- gain the workshop experience through effect model making, design concepts and production techniques.
- be introduced to a range of tools, machines and hand skills
- become aware of safety innovations, processes and finishing techniques

Learning Outcomes

In this unit students will:

- Use a range of basic hand tools, power tools and various types of materials for specific purposes
- Complete several suitable models using a design brief, sketches, production format, and evaluation methods
- Experience applying a range of finishing techniques

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Investigation – A written investigation about the history of tools and machinery
- Design - Sketches and development of a work plan for their production model
- Production - Cut, shape, assemble and finish a model to design specifications.
- Evaluation - Written evaluation of the model and production skills.

Future Studies

- Year 10 Woodwork
- Building Trades Apprenticeships
- VCE Materials and Technology (Wood)

Cost

- \$50

HEALTH & PHYSICAL EDUCATION

Elective - Youth Development – Advance – Full Year

Learning Focus

The Advance Youth Development program is a one year elective in which Year 9 students will undertake the Duke of Edinburgh's Bronze Award and be part of the Victorian Police Youth Corps. This program allows students to develop an understanding of police work in the community and aims to develop leadership, initiative, teamwork, self-esteem and good citizenship. It does so by creating positive partnerships between school, police and the community.

Learning Outcome

As part of the Police Youth Corps program, there are four core components – The Duke of Edinburgh's Award, First Aid training, VPYC curriculum and the Graduation Camp and Passing Out Ceremony.

Students undertake various challenges including community service, physical recreation, and skill and adventurous journeys as they work towards completing the *Duke of Edinburgh's Bronze Award*.

The VYPC curriculum involves participating in incursions and excursions to learn about Water Police/ Search and Rescue, Dog Squad, Police Academy, Air Wing, Forensic Science in Police Investigation, Old Melbourne Gaol, Mounted Police, Police Museum and ESTA.

Students will also participate in two camps in various locations in Victoria: Wilson Promontory, Great Ocean Road, Grampians or East Gippsland Rail Trail.

Students participating in the program are expected to attend all excursions and camps.

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Active participation and commitment to completing the Victorian Police Youth Corps program
- Active participation in all camps and excursions.
- Reflective logbooks on all excursions and camps
- Leadership and community service assignments
- Practical skills and knowledge required for adventurous journey component

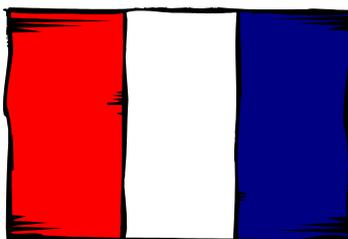
Cost: \$150.00 contribution to meet Duke of Edinburgh's Bronze Award fee.
All other camps and excursions are free.



MINOR ELECTIVES

LOTE

Elective – French - Full Year



Learning Focus

In this unit students will:

- Extend their language skills and develop intercultural awareness and understanding through a variety of activities such as role-plays, interactive ICT games, culinary experiences, films and a TV series based on a home stay in France
- Participate in listening, speaking, reading and writing activities designed to build their confidence in communicating in French about topics related to their experience such as holidays, travel, family and friends, part-time jobs, local attractions and leisure activities
- They are encouraged to attend one excursion per semester

Learning Outcomes

In this unit students will:

- Engage in conversations on the above topics, showing that they can imitate and adapt models using culturally appropriate language and gesture
- Demonstrate their understanding of extended written or spoken texts and convey this understanding either verbally or in writing
- Prepare and present various written pieces in French such as letters to friends, emails, invitations, advertisements, etc, relating to the topics studied
- Further develop their research skills and show their ability to plan and submit creative, informative and well-presented projects about France and French-speaking communities, using ICT and the Internet

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

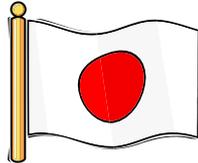
- Regular class participation
- Effective book work
- Satisfactory achievement in language and culture tests
- Competent research and presentation of project work

Future Studies

- Year 10 French
- VCE French

LOTE

Elective – Japanese - Full year



Learning Focus

In this unit students will:

- Extend their language skills and develop intercultural awareness and understanding, working in pairs, individually, or in groups
- Use a range of creative and fun activities, including interactive games, role-plays, films, short stories, calligraphy and crafts typical of the Japanese culture
- Participate in listening, speaking, reading, viewing and writing activities designed to build their confidence in communicating both orally and in writing, about topics related to their world, such as the family, friends, travel, home stay, seasonal and leisure activities
- Attend excursions

Learning Outcomes

In this unit students will:

- Engage in familiar oral situations, demonstrating their ability to imitate and adapt models of culturally appropriate language and gesture
- Demonstrate their understanding of main ideas in short written or spoken texts and pass on several items of information verbally and in writing
- Use Hiragana, Katakana and some familiar Kanji characters in their work and with assistance, demonstrate their ability to write short and extended paragraphs
- Further develop their research skills and demonstrate their ability to present creative cultural projects about Japan and the Japanese community, using ICT and the Internet

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Regular class participation
- Effective book work
- Preparation for Language and Culture tests
- Competent research skills and creative presentation of projects

Future Studies

- Year 10 Japanese
- VCE Japanese

SEMESTER ELECTIVES

SCIENCE

Elective - Applied Science – Semester Unit



Learning Focus

In this unit students will:

- Have the opportunity to do some in-depth studies in certain interest areas, such as chemistry, heat energy and astronomy.
- Undertake a wide variety of experiments and develop a good scientific approach.

Learning Outcomes

In this unit students will:

- develop the skills to communicate scientific information and knowledge graphically, orally and in written form
- develop in each student the ability to correctly use scientific equipment and materials
- develop learning skills, such as interpretation of data, problem solving and making informed conclusions by logical analysis
- develop team spirit and co-operation in practical work, research work and class work
- develop a sound basis for the future study of science

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum standards.

- Thorough practical reports to be written in correct scientific format
- Experiments to be conducted in a safe and scientifically accurate manner. Students are to work cooperatively within a team
- Model building incorporating learnt concepts
- Projects which may be a brochure, poster, research assignment etc
- Satisfactory completion of tests



Future Studies

- Applied Science is recommended for students who may wish to pursue Science as a VCE subject.
- As some of the work becomes complex it is important that only students who have displayed maturity, diligence and success in Year 8 Science will be selected.



DESIGN & TECHNOLOGIES

Elective - Creative Cooking – Semester Unit



A creative cooking course for motivated students passionate about food! Students are required to design and produce a variety of foods. Students will be given the opportunity to work independently and show their creativity.

Learning Focus

In this unit students will:

- Design and produce a variety of food products
- Develop skills in design briefs
- Examine the modern food world
- Create foods from each category of a basic menu
- Develop personal and interpersonal organisational skills
- Develop creativity in working with food
- Develop recipe modification skills

Learning Outcomes

In this unit students will explore:

- Basic ingredients and cooking methods
- Menus and food suitability
- The emergence of the Celebrity Chef
- Recipe development and production

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum..

- Folio Tasks
- Research Assignment
- Recipe development activity
- Design Briefs
- Production work

Future Studies

- Year 10 Food Technology
- VCE Food Technology

Cost

- \$80.00

DESIGN & TECHNOLOGIES

Elective - Creative Metal – Semester Unit



Learning Focus

In this unit students will:

- Investigate and design from a work brief
- Create designs which are functional and decorative solutions
- Produce products using complex tools, equipment, machines, and materials with precision
- Develop practical skills and techniques in both jewellery design and industrial practises

Learning Outcomes

In this unit students will:

- Evaluate and analyse their own work and the processes applied
- Learn about safe work practises and apply these to the work shop environment

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Silver jewellery design (soldering technique)
- Innovative frame (mixed media use of metal, plastic, wood)
- Galvanised metal design (using various shaping and connecting methods)
- Casting design (various casting methods and possible foundry workshop)

Future Studies

- Year 10 Metalwork
- VCE Product Design & Technology (Metal)
- VCAL Courses
- VET Courses
- Apprenticeships in Silver smithing or Jewellery

ENGLISH

Elective - Creative Writing – Semester Unit



Learning Focus

The Creative Writing course allows students to explore their interest in writing for pleasure and develop their ability to write in different literary forms. Students will develop an enjoyment and critical appreciation of different contexts and genres of writing through the study of a variety of texts. They will be encouraged to draw upon their own experiences to add complexity to their stories and use this inspiration to create interesting plots and characters. Students will gain confidence in using effective expression for a range of purposes and audiences.

Learning Outcomes

Writing

- Students will demonstrate their understanding of the process of writing by keeping a record of their brainstorming, planning, drafting, editing, and proof-reading for their pieces of writing
- Students will experiment with different styles and methods of writing
- Students will prepare sustained creative pieces to be published in the School Magazine and Newsletter

Examination of Writing

- Students will be exposed to a diverse range of quality literature to develop their capacity to appreciate the writing of others
- Students will demonstrate their analytical skills when discussing themes, language, point-of-view, characterisation, conflict and suspense in a variety of written and spoken literary texts
- Students will examine different literary techniques: similes, metaphors, alliterations, personification, and assonance
- Students will explore different genres of writing, including poetry and prose

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Work Book/Journal
- Writing Pieces and Project
- Analytical Responses
- Oral Presentation
- Written Test

Future Studies

- Literature – Year 10
- VCE English / EAL
- VCE Literature



THE ARTS

Elective - Acting and Presenting – Semester Unit

Learning Focus

In this unit students will:

- view, discuss and create a range of different acting styles, including solo pieces and ensemble performances
- participate in improvised and group developed work
- investigate and explore issues through co-operation and interaction with others
- participate in developing and presenting ideas



Learning Outcomes

In this unit students will:

- develop confidence in performing in front of both small and large audiences, working with scripts developed by self and others
- develop an understanding of thoughts, events and emotions and extend these through script writing and performance
- create of roles and relationships
- work successfully in completing solo and group tasks
- develop communication and presentation skills

Course Outline

- **Narrative;** writing and performing a series of solo and group pieces on a range of issues and topics, and developing the necessary acting skills based on narrative
- **Puppetry and Mask;** history, design and construction of puppets and masks, culminating in a performance
- **Playscript study;** Rehearsing and performing group and solo pieces written by students and recognised playwrights
- **Theatre studies;** History and theory of stage types, styles, design and construction



Future Studies

- Year 10 Drama
- VCE Drama
- VCE Theatre Studies

ENGLISH/EAL

Elective – EAL – Semester Unit

Learning Focus

The Year 9 EAL (semester) course gives new arrivals assistance with the mainstream English/EAL course in the four main areas of listening, speaking, reading and writing. Students will develop confidence and competence in spoken and written expression. They will be encouraged to extend their vocabulary and establish a firm understanding of grammar conventions. Further, students will be supported, where appropriate, across the curriculum, particularly with respect to literacy.

Students can choose to complete the half year, full year or both electives.

- Half year – 3 periods per fortnight for 2 terms.
- Full year – 4 periods per fortnight for the whole year.

Learning Outcomes

In this unit students will experience and gain:

- Confidence in writing for a range of purposes and audiences
- Enjoyment and comprehension of a variety of texts
- An ability to think critically
- Further support in using effective expression in both spoken and written forms
- Capacity to respond to a variety of issues in the media

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Work Book/Journal
- Writing Pieces and Project
- Analytical Response
- Oral Presentation
- Written Tasks

Future Studies

- Literature – Year 10
- Year 10 Connect
- VCE English / EAL
- VCE Literature

HEALTH & PHYSICAL EDUCATION

Elective - First Aid - Semester Unit

Learning Focus

In this unit students will learn:

- The legal implications of first aid
- Patient assessment and basic life support
- Aims of first aid
- Traumatic injuries
- Medical emergencies
- The human body and how it works



Learning Outcomes

In this unit students will:

- Participate in specific activities leading up to the competency based achievement of Level 1 and Level 2 first aid certificates and Resuscitation certificate
- Demonstrate in practical scenarios and actively take part in these scenarios
- Identify and apply First Aid principles when working in scenarios
- Provide basic life support
- Acquire skills and procedures needed to apply the principles of first aid

School Assessed Tasks

- Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum
Participating actively and demonstrating commitment to acquire the skills and knowledge of first aid
- Theory and practical tests to show competency to achieve Level 1 and Level 2 First Aid certificates and Resuscitation certificates
- Practical scenarios of first aid situations
- The design and enacting of a first aid scenario
- Workbook
- Worksheets

Future Studies

- VCE Health & Human Development
- VCE Biology
- VCE Physical Education

Cost: \$50

HEALTH & PHYSICAL EDUCATION

Elective - Fitness Training – Semester Unit

Let's get Physical, Physical, Physical!

Learning Focus

In this unit students will learn:

- The definition of fitness and the basic fitness components
- The recommended amount of physical activity required for health benefits and how can we incorporate activity into our everyday lives
- Different training methods for different sporting situations and events including:
- Strength, Resistance, Cardiovascular, Agility and Speed training
- How to design a short training program to improve a component of fitness

Learning Outcomes

In this unit students will:

- Evaluate their own fitness level, identifying strengths and weaknesses
- Design a training program to enhance strengths and improve weaknesses
- Participate in a wide variety of fitness training sessions
- Assess the effectiveness of their designed training program

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress:

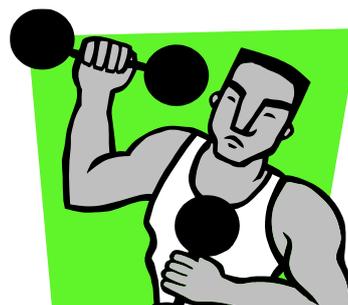
- Participation in all practical activities
- Bring all required class materials including the correct physical education uniform
- Complete the theoretical component of the course
- Complete any assessment and or set tasks as required

Future Studies

- Year 10 Applied Physical Education
- Year 10 Sports Coaching and Administration
- VCE Physical Education

Cost

\$50.00 to cover the cost of excursions and maintaining equipment



THE ARTS

Elective – Film Studies – Semester Unit

Learning Focus

In this unit students will:

- Use a video camera and associated editing software to produce their own films
- Create story boards
- Explore the codes and conventions associated with film language
- Undertake analysis of a number of films and music clips
- Investigate production Elements used in film making

Learning Outcomes

In this unit students will:

- Develop practical skills regarding drawing up storyboards
- Develop competencies using a range of video cameras,
- Explore a range of camera shot types used to demonstrate film language
- Create a range of short films demonstrating the codes and conventions typically used in this medium

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Workbooks reflecting notes taken in class
- A DVD containing at least 2 completed short films of a specific genre
- A research project presented in digital form

Future Studies

- Year 10 Media Studies
- VCE Studio Arts
- VCE Media Studies



DESIGN & TECHNOLOGIES

Elective - Food - Flavours of the World – Semester Unit



Learning Focus

In this unit students will:

- explore the rich diversity of foods and culture around the world
- be involved in making and tasting a wide selection of foods from around the world
- students will participate in a visit to a restaurant during the semester

During the semester students will learn about;

- Traditional Australian cuisine. Students will make some 'classic' Australian foods
- Food habits and customs of different cultural groups
- Influences on the restaurant trade. How has the Australian restaurant scene developed and how reflected the wide range of ingredients available

Learning Outcomes

In this unit students will:

- Develop skills in food handling and production
- Develop skills in safety and hygiene procedures
- Develop the ability to work and share with others
- Develop an awareness and appreciation about the food and culture of other countries

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- A work book or journal of work undertaken
- An investigation assignment
- Participation in practical activities
- Completion of practical evaluations
- Completion of design activities

Future Studies

This unit develops skills that will be beneficial for year 10 Food & Technology, Hospitality VET courses and VCE Food & Technology units 1-4.

This course is designed for students who may not wish to continue to further food studies but have an interest in food and a desire to extend their skills and knowledge.

Cost - \$ 80.00

MATHEMATICS

Elective – Graphs & Technology in Maths – Semester Unit

Learning Focus

In this unit students will:

- Extend Students Mathematical understanding
- Engage in Learning enhancement technologies
- Learn to apply appropriate technologies to difficult and challenging problems
- Develop a more extensive understanding of graphs and graphing ICT



Learning Outcomes

In this unit students will:

- Select and use technology in various combinations to assist in mathematical inquiry, to manipulate and represent data, to analyse functions and carry out symbolic manipulation
- Use geometry software and graphics calculators to create geometric objects and solve challenging problems
- Explain the roles of the relevant constants in linear and quadratic relationships, with reference to gradient and y axis intercept
- Solve equations, simultaneous linear equations in two variables using algebraic, numerical and graphical methods manually and aided by technology
- Formulate and test mathematical concepts, generalisations and arguments in a written and symbolic form to test the truth of propositions
- Choose, use and develop mathematical models and procedures to investigate and solve problems set in a wide range of practical, theoretical and historical contexts
- Investigate statistical problems and create models to make predictions
- Develop their ability to judge the reasonableness of their results based on the context under consideration

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum standards.

- Problem solving
- Further study into the use of ICT in Mathematics.
- Use of CAS Technology
- Other activities to be determined by the classroom teacher.



Future Studies

- This course is recognised as preparation for continued study in Mathematics at Year 10 and beyond. As such this class is NOT a tutorial class for Mainstream Mathematics, but an opportunity to extend and develop new skills in a wider scope and depth than possible in Mainstream Mathematics.
- This elective is offered to students who are self-motivated and who are prepared to work either individually or in groups and enjoy Mathematics. As a general guide only those students who have gained an overall result of **80%** or better in Year 8 and who are self-motivated should apply for this elective.

DESIGN & TECHNOLOGIES

Elective – Information Design & Technology – Semester Unit



Data



Process



Information



CyberSafety

Learning Focus

In this unit students will:

- gain an understanding of the computer as a tool to solve problems in addition to the intrinsic study of the computer's role in society
- understand that the key focus in the technology process involves the 4 key areas of the Design Process: Investigation -> Design -> Production -> Evaluation.
- investigate how individuals in organisations, such as small businesses, and sporting clubs use information systems
- work in project teams to co-ordinate the creation of a project and electronic documentation and evaluate the extent to which the project and documentation are useful.
- Create web content and gain an understanding of HTML code.
- Perceive the significance of computer programming knowledge and implement this in video game design.

Learning Outcomes

In this unit students will:

- become aware of rights and responsibilities when using a computer network.
- develop problem solving skills
- gain experience in using several software types

Students will use a variety of software to gain specific skills and to learn to solve problems using the computer as a tool. A variety of modules will be offered. Such as:

- Legal aspects of IT
- Adobe Photoshop
- Microsoft Excel
- Scratch or BYOB [game construction and design]
- Web design 1 – using basic HTML skills
- Web design 2 – using CSS3

Students can select two or three of these modules for this semester subject.

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

Depending on modules chosen, students will be expected to:

- Complete classroom tasks and/or assignment work
- Satisfactorily complete any topic tests

Students are encouraged to enter the Computer Competition

Future Studies

Students with a keen interest in IT, or those who would like to develop new skills.

Cost There will only be a fee involved for students choosing to enter the Computer Competition

HUMANITIES

Elective - Into the Past through Movies – Semester Unit

Learning Focus

This course studies a number of themes and events with the aid of appropriate movies. It includes a study of legends in History, French and Indian wars and lifestyles of indigenous Americans.

Learning Outcomes

In this unit students will:

- Analyse aspects of History
- Describe how traditions are formed
- Explore the connection between past and present

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Workbook & Folio
- Research Assignment
- Verbal Presentation based on Research
- Topic Tests

Future Studies

- Year 10 History
- Year 10 Geography
- Year 10 Film and Animation
- VCE History
- VCE Geography
- VCE Global Politics
- VCE Media
- VCE English



THE ARTS

Elective – Music Performance – Semester Unit



PERFORM
RESPOND



LISTEN
CREATE



EXPLORE!

This subject will be offered as a FULL YEAR and SEMESTER SUBJECT

Music Performance at year 9 level is a creative elective which offers students a variety of skills, techniques and processes geared towards a more independent way of exploring, experimenting, thinking and creating. They will continue to explore **performing, reading and writing music, responding to music in different contexts, mixed media and more.** Any excursions will be directly linked to practical and theory units covered in class.

Learning Focus

In this unit students will develop:

- Exploring and independently developing techniques, skills and processes
- Using a variety of media, materials and technologies to develop a more advanced approach toward their uses and applications
- Exploring and comparing issues, themes, styles & artistic movements past and present

Learning outcomes

- Plan original music that explores themes and ideas which have been developed independently
- Develop and present music appropriate to chosen styles and forms, reflecting influences from existing styles past and present
- Analyse and interpret the content, structure and qualities of musical works past and present
- Discover and explore composers/songwriters of the past and present & their cultures

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Theory / aural exercises workbook
- Performance and rehearsal logbook
- Research projects
- Composition workbook/folio

Future Studies

This subject can lead to a variety of design courses and career paths if followed through to:

- Year 10 Music
- VCE Music Performance
- VET Music (external)
- TAFE Music Studies

HEALTH & PHYSICAL EDUCATION

Elective – Outdoor Education – Semester Unit

Want to learn in the outdoors?
TRY OUTDOOR EDUCATION!!



Learning Focus

In this unit students will learn about:

- Our environment and how we can care for it
- Skills and knowledge required to participate safely and enjoyably in a variety of Outdoor Adventure Activities e.g. Hiking, Rock Climbing, Surfing, Caving and Cycling

Learning Outcomes

In this unit students will:

- Demonstrate complex movement skills in a range of Outdoor Adventure Activities
- Explore a range of Outdoor environments and investigate ways that human activity impacts on these environments
- Understand their personal impact on the natural environment
- Research and present the equipment for safe and enjoyable participation in Adventure Activities

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum..

- Participation in practical activities
- Practical demonstration of skills
- Theory tasks in the classroom
- Workbook and Activity Journals

Future Studies

- Year 10 Outdoor Education
- VCE Outdoor and Environmental Studies

Cost

- \$150.00 to be paid before attending the first activity

HUMANITIES

Elective – Philosophy – Semester Unit

Learning Focus

In this unit students will:

- Participate in a range of inquiries
- Explore how philosophers have dealt with themes and questions about knowledge, values and existence
- Develop skills through imaginative and enjoyable learning activities that will enable them to think more clearly, participate in philosophical dialogue, construct argumentative essays and collaborate with others to search for original and authentic responses to everyday questions and problems.

Learning Outcomes

In this unit students will:

- Participate in Philosophical dialogue
- Construct arguments, written and oral
- Comprehend and analyse fragments of philosophical texts
- Construct creative problem solving activities

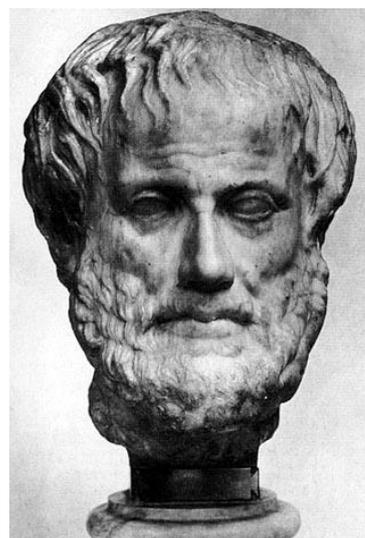
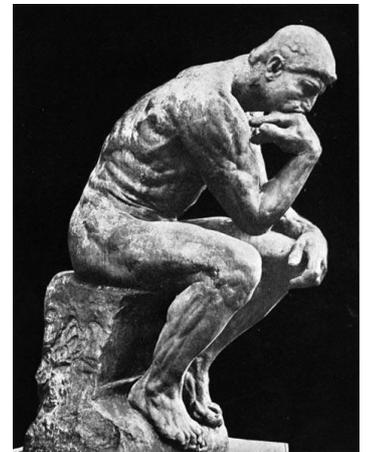
School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Participation in Community of Inquiry
- Research Project
- Essay
- Fieldwork
- Topic Tests

Future Studies

- Year 10 Philosophy
- VCE History
- VCE Legal Studies
- VCE Philosophy
- VCE Religion & Society



THE ARTS

Elective – Photography - Semester Unit

Learning Focus

In this unit students will learn about:

- Using DSLR (Digital Single Reflex Camera)
- Elements involved in taking a good photograph
- Visual Literacy
- Printing various format images
- Presentation and display of photographic works

Learning Outcomes

In this unit students will:

- Make and present Photographs which explore themes, issues and ideas
- Structure and present Photographs appropriate to techniques
- Analyse and interpret the content, structure and aesthetic qualities of Photographs
- Analyse the characteristics and role of Photography in different cultural contexts

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

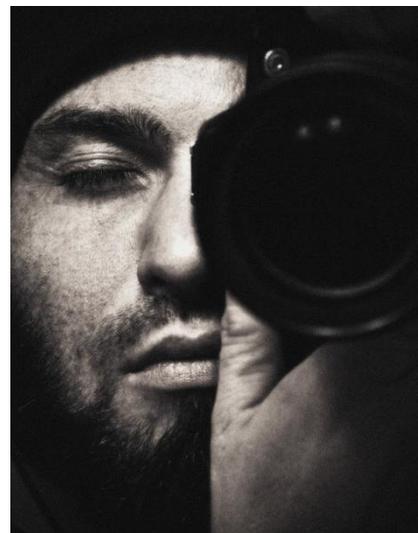
- Workbook/Journal
- Research Project
- Photographic Assignment
- Annotated Folio

Recommended for

- Year 10 Photography
- VCE Studio Arts
- VCE Media Studies

Cost

- \$35.00



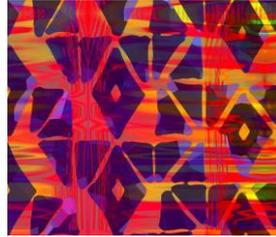
DESIGN & TECHNOLOGIES

Elective – Creative Fabric Art - Semester Unit

Learning Focus

In this unit students will:

- Explore fabric design through workshops
- Learn about design techniques such as computer generated designs, screen printing, fabric paint, tie-dying using made solutions to Natural made from food produce
- Produce their own fabric and create a product using the fabric
- Explore fabric designs from other cultures
- Develop a design brief
- Learn some basic sewing skills



Learning Outcomes

In this unit students will:

- Demonstrate fabric decoration techniques such as screen printing, fabric painting, dying, stencilling
- Demonstrate the application of design elements such as line, colour
- Demonstrate hand sewing techniques
- Demonstrate skills in the use of the sewing machine
- Demonstrate skills in writing and using evaluation criteria



School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Participation in workshop activities
- Folio presentation
- Design and produce handmade fabric
- Use handmade fabric to create or apply to a product, ie book cover, light shade, cushion, ornaments, clothing
- Design exercises
- Fabric decoration exercises



Recommended for

VET Certificate II & III APPLIED FASHION DESIGN & TECHNOLOGY
VCE DESIGN AND TECHNOLOGY, TEXTILES
ART & DESIGN

Great foundation for year 10 Product Design & Technology



COST : \$ 30.00



THE ARTS

Elective – Art – 2D – Semester Unit

DRAWING



Mixed media



PRINTMAKING



PAINTING

Art - 2D at year 9 level is a creative and fun elective which offers students a variety of skills, techniques and processes such as painting, drawing, printing, mixed media etc

Learning Focus

In this unit students will:

- **Explore**, develop and refine contemporary and traditional techniques, skills and processes
- Use a variety of media, materials, technologies and develop a more advanced approach to their uses and applications
- Explore and compare issues, themes, styles and artistic movements past and present

Learning Outcomes

In this unit students will:

- **Make** and present artworks that explore themes and ideas which also apply the Art elements and principles
- **Develop** and present artworks appropriate to chosen styles and forms, reflecting influences from existing styles past and present
- **Analyse** and interpret the content, structure and qualities of art works past and present
- **Discover** and explore artists of the past and present and their cultures

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Visual diary/workbook
- Folio solutions
- Research /theory projects

Future Studies

- Year 10 visual art
- VCE Art
- VCE Studio Art

THE ARTS

Elective –Sculpture - Semester Unit



CREATE with - CLAY - MIXED MATERIAL – PAPER MACHE

Visual Art 3D at year 9 level is a creative and exciting elective which offers students a variety of skills, techniques that focusing on clay work and sculptural related construction.

Learning Focus

In this unit students will:

- **Develop** and refine two dimensional designs into **three dimensional** creative pieces
- **Explore** a variety of construction techniques and working with a range of sculptural materials
- Explore and respond to themes and styles from art movements, past and present

Learning Outcomes

In this unit students will:

- Explore and develop their design ideas
- Create and present three dimensional works exhibiting appropriate construction techniques
- **Analyse** and interpret the structure, content and aesthetic qualities of 3D artwork
- Analyse the characteristics and role of 3D artists in different cultural contexts

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

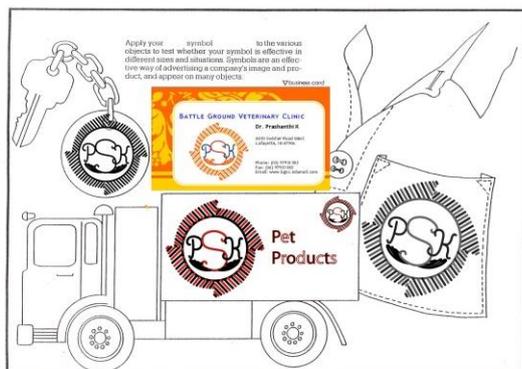
- Visual Diary/Workbook
- 3D folio solutions (practical work)
- Research/theory projects

Future Studies

- Year 10 Visual Art, 2D & 3D
- VCE Art
- Studio Art

THE ARTS

Elective – Visual Communication Design – Semester Unit



Learning Focus

In this unit students will:

- Develop skills in freehand drawing, instrumental drawing and rendering
- The capacity to solve design problems creatively in the fields of communication, Industrial or Environmental design.
- Knowledge to effectively use technology in the preparation and reproduction of visual communications

Learning Outcomes

In this unit students will explore:

- Through the Design Process and design thinking students will explore visual identity and branding
- Experimentation with a range of rendering techniques and materials
- Technical drawing methods will be taught to the Australian Standards
- Industry standard computer software is used through the course for many aspects of the design process

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum

- Design workbook / folios
- 2D/ 3D design solutions
- Research / design theory tasks

Future Studies

Visual Communication is an elective subject at Years 9, a whole year subject at Year 10 and continues to VCE, Units 1-4. The study of Visual Communication and Design would be an advantage to students who may wish to pursue a career in **Communication Design Fields** such as Graphic Design, Web Design, Typography. **Industrial Design Fields** such as Engineering, Product Design, Fashion Design. **Environmental Design Fields** such as Architecture, Interior Design, Theatre Design, as well as many more related areas.

DESIGN & TECHNOLOGIES

Elective - Wood Design for Living Today – Semester Unit



Learning Focus

In this unit students will:

- acquire and apply knowledge of a range of design factors to develop solutions to meet specific requirements
- Draw upon knowledge and methods associated with determining a product purpose and function, economic and environmental impact through design and modern technology.

Learning Outcomes

In this unit students will:

- Evaluate the suitability of particular materials for a chosen purpose, including new emerging materials.
- Prepare design ideas; make their model with the aid of a range of hand and power tools.

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Investigation – A written investigation of today’s changing materials and the effects of environmental changes
- Design - Sketchbook and development work for the production model
- Production – Complete a model to the chosen design specifications
- Evaluation - Written evaluation of the efficiency of design and construction processes and compare the finished model against the original design ideas.

Future Studies

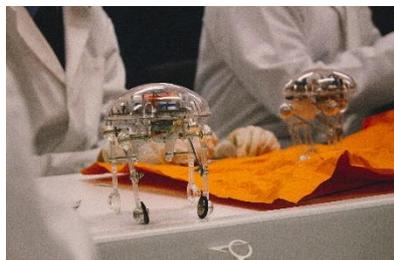
- Year 10 Woodwork
- VCE Product Design & Technology (Wood)
- VET COURSES (Various)
- VCAL COURSE Year 11 & 12

Cost

- \$25.00

STEM

Elective - STEM – Semester Unit



Outline:

STEM (Science, Technology, Engineering and Maths) is an exciting new subject that is currently being developed and will be introduced at DHS in 2018. The focus of the course will be using maths, science engineering and technology skills to create solutions to real world problems. Students will also be exposed to a range of new technologies and work with community and industry partners on some projects.

Learning Focus

In this unit students will:

- Explore what STEM is and where it can lead to
- Develop design based thinking, collaboration, creativity and problem solving skills through hands-on, applied projects that aim to create innovative solutions to real world problems
- Create solutions using new technologies which could include robots, 3D printing, coding programs
- Integrate maths, science and technology skills to attempt a range of challenges

Learning Outcomes

In this unit students will:

- Strengthen and develop ability to apply the scientific method and design based thinking strategies
- Develop team work, problem solving and critical thinking skills
- Use a range of maths and science skills and knowledge to solve problems

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum standards.

Assessment will include the following elements:

- Design journal
- Reflection, evaluation and improvement of designs
- Contribution during collaborative tasks
- Final project piece

Future Studies

- STEM is recommended for students who may wish to pursue Science, Maths or Technology as VCE subjects and those who wish to pursue STEM careers such as engineering, cyber security, sustainability, product development.

DESIGN & TECHNOLOGIES

Elective – Food Art and Design – Semester Unit



This subject offers a different concept to the Food subjects already offered – taking that next step, a different step by investigating, generating, producing, evaluating, planning and managing a variety of food products, food activities and events that embrace Food Art and Design techniques.

It is suitable for those creative students who are interested in the design and presentation of a product as well as food preparation skills... for students up for a challenge (think outside the square)!

Learning Focus

In this unit students will:

- Design and produce a variety of food products with the focus on presentation and styling
- Develop skills in working with the design process
- Develop personal and interpersonal organisational skills
- Develop creativity in working with food including new trends in cake decorating and garnishing
- Develop recipe modification skills
- Investigate the world of food styling, food photography and product deconstruction

Learning Outcomes

In this unit students will explore:

- Appropriate ingredients, preparation techniques and cooking methods for various recipes
- Recipe development and production
- Recipe presentation
- Food styling, food photography and production deconstruction

School Assessed Tasks

Performance on the following tasks will provide evidence of student progress in relation to the expected level of the Victorian Curriculum.

- Research Assignments – Food Art & Design calendar and blog
- Recipe development activities
- Design process activities
- Production work
- Class activities

Future Studies

- Year 10 Food Technology
- Year 10 Practical & Creative
- VCE Food Studies
- VCAL Food studies

Cost

\$80.00