



Brentwood Secondary College

Year 9 2017

Curriculum Handbook

Name:

HG:

IMPORTANT INFORMATION FOR 2017

In order to maintain a balanced curriculum and to ensure students experience a breadth of subjects, we have implemented the following subject selection guidelines for 2017:

1. Every student in Year 9 is required to study the Core subjects: Maths, English, Science and Humanities for the full year.
2. Every student in Year 9 is required to study at least one Health or Physical Education elective unit.
3. Every student in Year 9 is required to study at least one Arts/Technology elective unit.
4. Students can select a maximum of 3 Arts/Technology elective units in their top 6 selections.

PLEASE NOTE:

Students are not required to complete Language as a compulsory subject at Year 9. However, students must keep in mind that if there is ANY chance they will want to study Language at VCE level, they will need to continue to study it at years 9 and 10. Students who begin Language study at year 9 will be required to continue studying it for the full year.

VICTORIAN CURRICULUM

The Victorian Curriculum Foundation–10 (F–10) sets out what every student should learn during their first eleven years of schooling. The curriculum is the common set of knowledge and skills required by students for life-long learning, social development and active and informed citizenship. The Victorian Curriculum F–10 incorporates the Australian Curriculum and reflects Victorian priorities and standards. Brentwood's curriculum content and assessment tasks reflect the Victorian Curriculum requirements. More information about the Victorian Curriculum may be obtained online at <http://victoriancurriculum.vcaa.vic.edu.au/>

ENRICHMENT PROGRAM

An Enrichment program, offered to Year 7 students who demonstrate academic skills above those of their peer group, continues into year 8 and 9. Students in the program undertake the same core subjects as the rest of the year level, in addition to further enrichment and in-depth studies of the curriculum. The two enrichment mathematics classes will run at the same time in year 9. One class will continue to be offered the opportunity to accelerate to the point of completing year 10 mathematics content by the end of year 9. The other mathematics class will not be accelerated to the same extent but will be provided with opportunities for enrichment of the year 9 content at a high level. The membership of the mathematics classes will be based on teacher recommendation. High achieving students in other classes could fill any vacancies that arise throughout the 3 year period.

LEARNING SUPPORT

Learning support is offered to those students who require more time to develop their skills, and who need more intensive teacher support. Where appropriate, Heads of Faculty may offer additional support to suitable students.

EAL and EAL SUPPORT

English as an Additional Language (EAL) is offered to suitable students. Students who have recently arrived from overseas with a Non-English Speaking Background will receive additional EAL Support to further improve their English literacy.

HOW THE YEAR 9 CURRICULUM WORKS

(a) Home Groups

These are composed of about 25 students. The Home Group teacher is responsible for administration, attendance, and daily Home Group roll call.

(b) Units

Students will study 7 units each semester (or 14 for the year). With English / EAL, Maths, Science and Humanities being compulsory core studies for the year, this leaves 6 semester based 'electives' to be studied across the year.

(c) Advanced Placement

Year 9 students can choose to study an 'Advanced Placement' for the following year. An Advanced Placement is a Year 11 (VCE Unit 1 & 2) subject usually studied when a student is in Year 10. A student is then able to complete a Year 12 (Unit 3 & 4) subject by the end of Year 11. Advanced Placements are subject to availability. Academic merit (results from Year 9, Semester One), suitability and teacher recommendation are taken into consideration. A student does not have to study a Year 11 subject when they are in Year 10 if they do not wish to do so.

(d) Choosing Units

This handbook should be studied carefully so that students are fully aware of the Year 9 requirements and the various units offered. Students will have some freedom to choose units that best suit their interests. Students should experience a wide range of subjects in year 9. Year 10 provides the opportunity to specialise and narrow their focus to specific areas of interest.

(e) Subject Selection

Information regarding the specific units being offered each semester is available to students in this handbook. Students will have a chance to indicate their preferences for the upcoming year. Students will be enrolled in units for the entire year. This is in order for the preferences of students to be taken into account, and so students can be provided with a balanced curriculum across the year.

Effort will be made to cater for student choice. However, it will not always be possible to give every student their first choice of subjects. Our goal is to give each student a balanced curriculum across their year of study, taking into account the guidelines set out on page 2 of this handbook, the preferences indicated by the students themselves, and the notion of equitable outcomes for all students.

(f) Career Action Plan

All students at Brentwood Secondary College complete a Career Action Plan each year. The Career Action Plan is a planning document intended to reflect career development learning. The Career Action Plan helps young people develop their awareness and understanding of education, training and employment options. It is designed to develop the skills, knowledge and capabilities to effectively manage the transitions throughout their lives.

(g) Subject Charges

Funding from the DET does not adequately cover the materials costs in a number of the units offered. Some units involve purchase of expensive materials and therefore carry a subject charge to recoup costs. Such units are denoted in this handbook by a \$ sign and the relevant subject charges are listed with the subject description in this handbook.

Year 9 Subjects, 2017

All students will study English or EAL, Maths, Science and Humanities for the whole year.

Compulsory Core Studies:

ENGLISH

HUMANITIES – Geography/History

MATHEMATICS

SCIENCE

Students will then be able to study **6 semester based units**, across the year, from the list below.

The guidelines, as specified on page 2 of this handbook, must also be met.

\$ = unit incorporates a subject charge, please see subject description for actual charge

Elective Studies:

ENGLISH as an ADDITIONAL LANGUAGE SUPPORT (full year / 2 semester units)

ES090 EAL Support – (only by recommendation of EAL teacher)

LANGUAGES UNITS (full year / 2 semester units)

GE090 German

JA090 Japanese

ARTS / TECHNOLOGY UNITS (semester units)

AR090 Art (\$)

DR090 Drama

FT090 Food Technology (\$)

ME090 Media (\$)

MU090 Music

VC090 Visual Communication (\$)

WW090 Woodwork (\$)

HEALTH AND PHYSICAL EDUCATION UNITS (semester units)

DU090 Duke of Edinburgh (\$)

HL090 Healthy Habits

PE091 Hitting and Striking Skill Development

PE092 Handball and Football Development

INFORMATION TECHNOLOGY UNITS (semester units)

IT091 Space Invaders

IT092 Digital Divas

ENGLISH LEARNING AREA

INTRODUCTION

Efficient use of language is an essential skill. It is important that the individual communicates effectively in a variety of situations. To this end, the English units offered emphasise literacy and the development of verbal and written fluency, promoting effective language use for a wide range of audiences and purposes. Students are provided with opportunities to think, speak, listen, read and write on a wide range of topics. To assist in more appropriate use of language, the basic word and language skills are revised and extended. The study of literature is included as being valuable in its own right as well as further developing language skills. Students are also given the opportunity to consider other forms of texts such as film and the media, as they are increasingly influential in our modern life.

YEAR 9 COURSE REQUIREMENTS

Each student must complete a sequential English unit **every semester**. Students will remain with the same teacher for both semesters.

SEQUENTIAL UNITS

EN090 English
EA090 English as an Additional Language

PRE-SIGNED UNITS (by recommendation only)

EA090	English as an Additional Language (E.A.L. Year 9)
ES090	English as an Additional Language – Support (E.A.L.S Year 9)

SEQUENTIAL UNITS

The units offered at Years 9 are part of a learning process, which begins in the Foundation year and continues into Year 12 and beyond. The skills taught involve reading, writing, speaking and listening. As students progress through the years they are expected to approach these tasks with increased sophistication.

YEAR 9 ENGLISH

EN090 SEQUENTIAL ENGLISH – SEMESTERS 1 AND 2

Aims: These units are designed to develop students' literacy and critical thinking skills for a variety of purposes and audiences. Writing skills are a key focus. Students will be challenged to develop sophisticated responses in a variety of writing styles. Students will also undertake problem solving, research skills, reflection on their own learning and self-evaluation throughout the course.

Content:

- Read a variety of texts including novels, poetry, print and visual media, non-fiction and information from the internet with informed and critical understanding.
- Write in various writing styles using the appropriate conventions and language.
- Develop self-directed learning and evaluation.
- Use iPads in the creation and presentation of work.
- Speak in formal and informal styles to both small groups and the whole class, presenting information and opinions clearly and persuasively using appropriate strategies.
- Listen to and understand complex discussions and oral presentations.

Assessment:

- Oral Work
- Text Work
- Text Essay
- Wider Reading
- Test

ENGLISH AS AN ADDITIONAL LANGUAGE (EAL)

EA090 - YEAR 9 ENGLISH AS AN ADDITIONAL LANGUAGE (EAL)

Aims: To develop and extend the English language skills of students from Non-English speaking backgrounds, by:

- Identifying the individual needs of students.
- Developing self-esteem and confidence.
- Focusing on and developing students' reading, writing, speaking and listening skills.
- Participating in activities aimed at enhancing their grammar and vocabulary.

Content:

- Read a variety of texts both in class and at home.
- Complete comprehension activities, tasks and extension work including examining the themes and issues.
- Write in a variety of styles and develop writing skills through a drafting process.
- Speak in informal and formal situations to both small groups and the whole class presenting ideas clearly.
- Listen to and understand instructions.

Assessment: Writing, reading and oral activities and tests.

ES090 ENGLISH AS AN ADDITIONAL LANGUAGE - SUPPORT CLASS

Aims: This unit of English as an Additional Language is designed to help students who require some extra assistance with the English language, outside of their regular EAL class.

Content: Students participate in activities aimed at enhancing oral and listening skills as well as grammar and vocabulary through reading and writing tasks. There is also an opportunity for students to get support with homework and assignments from across curriculum.

Assessment: Various types of assessment will be utilised according to the learning requirements of the students.

Enrolment in ES090 is by recommendation of the EAL teacher and must be chosen as an elective unit.

HUMANITIES LEARNING AREA

GG090 GEOGRAPHY

Students investigate **two** units of study in the **Year 9** Geography curriculum:

Unit 1: Biomes and Food Security:

- Distribution and characteristics of biomes as regions with distinctive climates, soils, vegetation and productivity
- Environmental, economic and technological factors that influence crop yields in Australia and across the world
- The interconnection between food production and land and water degradation; shortage of fresh water, competing land uses; and climate change, for Australia and other areas of the world
- Human alteration of biomes to produce food, industrial materials and fibres, and the environmental effects of these alterations
- Land and resource management strategies used by Aboriginal or Torres Strait Islander peoples to achieve food security over time
- Challenges in feeding the current and projected populations of Australia and the world, and responses to these challenges

Unit 2: Geographies of Interconnection:

- Perceptions people have of place, and how this influences their connections to different places
- Ways in which transportation and information and communication technologies are used to connect people to services, information and people in other places
- Ways that places and people are interconnected with other places through trade in goods and services, at all scales
- Effects of the production and consumption of goods on places and environments throughout the world and including a country from North-East Asia
- Effects of people's travel, recreational, cultural or leisure choices on places, and the implications for the future of these places

Assessment:

- Research Task/Oral presentation
- Unit 1 and Unit 2 Tests
- Fieldwork

Fieldwork Component: All students will attend a fieldtrip to urban activity (Port of Melbourne) as part of the fieldwork assessment (interconnections and trade/economics).

HS090 HISTORY

Students investigate **three** units of study in the **Year 9** History curriculum:

Students will study and develop knowledge and understanding of the Industrial Revolution, including the technological developments that transformed Western economies and societies. They will evaluate how European powers competed to establish more colonies to meet the demands for raw materials and establish new markets.

Students will be analysing events, which contributed to Australia's social, political and cultural development. They will evaluate the contribution of significant Australians to Australia's development. Students will also evaluate the struggle by marginalized groups in Australia to achieve civil and political rights as well as Australia's contribution to **World War 1**.

Units:

1. Industrial Revolution (1750-1914)
2. Australia and Asia
3. Australia at war (1914-1945): World War 1

Skills:

- analyse and describe key aspects of life
- analyse change and continuity over time
- sequence events and develop timelines
- Assessing the value of evidence and the veracity of selected evidence
- Frame research questions and report their findings
- Evaluate historical sources for meaning, points of view, values and attitudes
- Appropriate use of historical conventions including bibliography

Assessment:

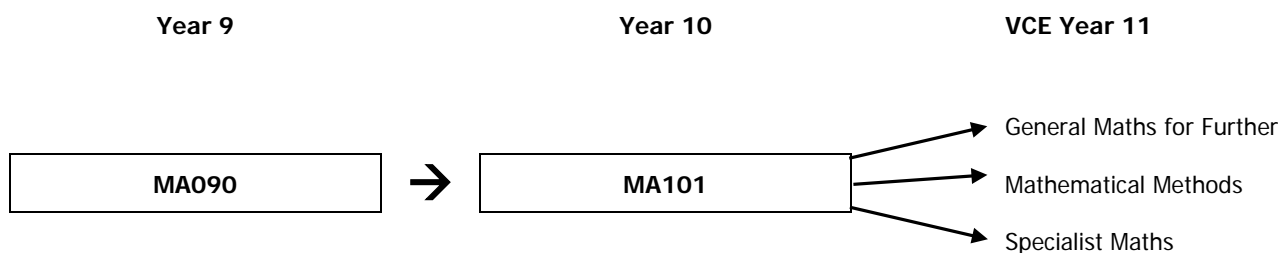
1. Source Analysis of written and visual documents
2. Extended response
3. Essay portfolio

MATHEMATICS LEARNING AREA

Overall Aims: To ensure that all students are competent with basic number skills, can select and use appropriate technology to solve problems and to develop reasoning and problem solving skills. All students will need to: demonstrate arithmetic and algebraic skills, perform measurement and spatial tasks, interpret data, determine and understand probability. Students will acquire the knowledge and skills to provide the foundation for further study in mathematics.

Mainstream Mathematics units are designed to be undertaken in the sequence shown below. Students who are having difficulty in coping with the standard of work in the mainstream unit in year 9, and/or are identified as being on an Individual Learning Plan, will be provided with a modified program.

YEARS 9 AND 10 MAINSTREAM MATHEMATICS SEQUENCE



MA090 MAINSTREAM MATHEMATICS

Content:

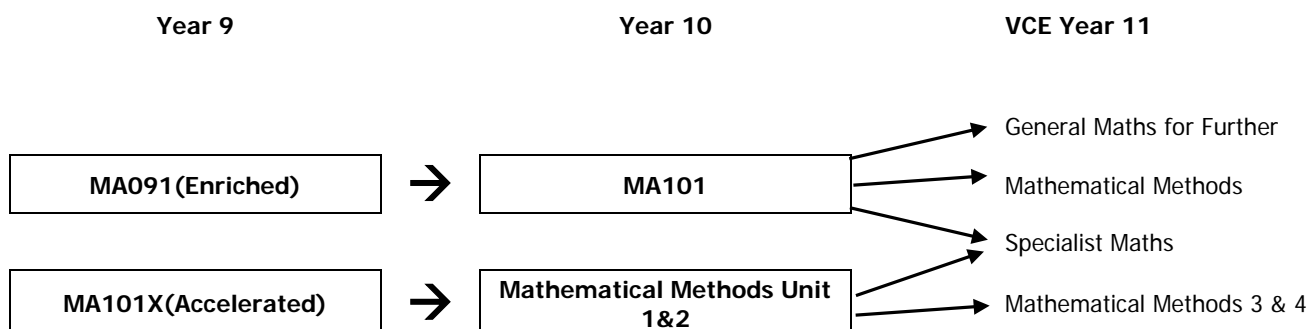
- Percentages and Money, including the application of simple and compound interest
- Algebraic skills of simplification, expansion of brackets and solving linear equations
- Introduction to Pythagoras' Theorem and its application
- Probability, including Venn, two-way tables, tree diagrams and arrays.
- Trigonometry, including an introduction to the trigonometric ratios and their application
- Indices, including an exploration of index laws and their application to algebraic expressions
- Linear Graphs, including graphing linear relations, the use of gradient, determining the equation of a straight line, transposition, and distance and midpoint formulae
- Sketching non-linear graphs
- Measurement: circumference and area of a circle and sectors, surface area and volume.
- Data and Statistics, including presenting data, calculating measures of central tendency and spread, stem-and-leaf plots, grouped data and boxplots.
- Algorithms

Prerequisite: Year 8 Mathematics

Assessment:

- Topic Tests
- Semester Exam
- Application/problem solving tasks
- Class work and Homework

YEARS 9 ENRICHED AND ACCELERATED MATHEMATICS SEQUENCE



MA091 ENRICHED MATHEMATICS

Aims: Students undertaking the enriched mathematics stream will apply mathematical concepts, skills and processes to pose and solve problems. The CAS calculator will be used to enhance learning opportunities and deepen content knowledge. Students will develop an appreciation of mathematics as a discipline – its history, ideas, problems and applications.

Content: To be advised

Prerequisite: Year 8 Mathematics or Year 8 Enriched Mathematics

Assessment:

- Classwork and Homework Tasks
- Topic Tests
- Semester Exam
- Application/Problem Solving Tasks

MA101X ACCELERATED MATHEMATICS (YEAR 10 MATHEMATICS)

Aims: Students undertaking the accelerated mathematics stream undertake the year 10 course in preparation for an advanced placement in Mathematics in the following year.

Content:

- Linear equations: solving linear equations using substitution, elimination and graphical techniques.
- Linear Graphs: Graphing straight lines, finding the rule, solving problems involving parallel and perpendicular lines.
- Quadratics: expanding brackets and factorising quadratic expressions.
- Data and Statistics: review of measures of central tendency, calculate the five-figure summary to sketch boxplots and use scatter plots to investigate the relationships between bivariate data.
- Indices and Surds: review index laws, simplify surds (adding, subtracting, multiplying and dividing), and rationalising the denominator.
- Measurement: Review perimeter and units, apply Pythagoras' theorem in 3D, review area, find the surface area and volume of familiar prisms.
- Quadratics: expanding expressions, factorising quadratics, completing the square, solving quadratic expressions and applying quadratics to model situations.
- Quadratic Graphs: sketching parabolas and being able to interpret the information given in the different form of the quadratic equation (turning point form, factor form and expanded form), investigating transformations.
- Trigonometry and Circular Functions: review trigonometry, apply trigonometry to 2-D and 3-D problems, graph circular functions and be introduced to the unit circle.
- Probability: review Venn-diagrams, two way tables, apply the addition rule, investigate conditional probability.
- Algorithms

Prerequisite: Year 8 Mathematics or Year 8 Enriched Mathematics

Assessment:

- Classwork and Homework Tasks
- Topic Tests
- Semester Exam
- Application/Problem Solving Tasks

SCIENCE LEARNING AREA

Aims:

- To build upon the foundational principles related to the mainstream sciences; biology, chemistry, psychology, earth science and physics, that were introduced to students in Year 8 core science.
- To prepare students for the broad range of science subjects offered in Year 10 and beyond.

Content:

In Year 9, students will explore:

SEMESTER 1

- Consumer science and the scientific method
- Chemistry, including the notion of the atom as a system of protons, electrons and neutrons, and how this system can change through nuclear decay. Students will also study chemical reactions including acids and bases.
- The conservation of matter as well as the transfer and transformation of energy. Students will apply their understanding of energy to the study of electricity, light and the electromagnetic spectrum.
- The ways in which the human body as a system responds to the external environment through the nervous and endocrine systems.

SEMESTER 2

- The complexity and importance of marine ecosystems and the impact of human activity on delicate marine ecosystems.
- The DNA molecule and its importance in genetic technology and diverse medical applications. Students will investigate the inheritance of genetic traits using zebra fish as a model organism.
- The discipline of psychology to study human behaviour and the functioning of the brain.
- Additionally, students will build on their developing science skills by performing investigations in the context areas of crime-scene investigation (CSI) and renewable energy.

In addition to National Curriculum requirements, students will:

- Design and implement a Student Led Inquiry Investigation
- Attend incursion/excursion programs to make real-life links with the curriculum materials
- This unit will also focus on developing robust scientific and practical skills, the appropriate use of basic laboratory apparatus, the suitable choice of measurement methods and the compiling of scientific reports of findings. Students will learn to appreciate that Science evolves as new knowledge is discovered and the process of discovery is mostly collaborative.

Previous Preparation: SC080 Year 8 Core Science

Assessment:

- Tests
- Inquiry Investigations
- Creative Tasks
- Practical work

Costs: Nil. However, excursions/incursions will also be offered where appropriate and at a cost to be advised.

ARTS / TECHNOLOGY LEARNING AREA

Includes:

- ART
- DRAMA
- FOOD TECHNOLOGY
- MEDIA
- MUSIC
- VISUAL COMMUNICATION
- PRODUCT DESIGN TECHNOLOGY - WOOD

Introduction: Within modern society, there is an increasing need to understand the visual image and processes of construction. They also need to express ideas creatively through performance and the moving image.

The Arts units are designed to give students visual and creative awareness through experiences in the history of art and a diversity of practical mediums. Increasingly digital and computer based design and production is a component of most Art units.

It is important to note that many job opportunities arise directly from Arts based activities and the student should consider this in the selection of Year 11 and 12 subjects in VCE.

Finance: Because of the complexity and variety of materials used in the Arts the levy available for funding only covers a small portion of the actual costs. Therefore students doing unit courses will be required to contribute towards **some** of the cost by paying an art fee. This fee will cover the cost of materials and items taken home by the students such as paints, clay for ceramic articles, paper, extended drawing media and folios, etc. Exact amounts of unit fees are published in the curriculum handbook.

Recommendations for selection of Arts Units:

All students should choose units based on their interest and their desire to develop creative skills. These skills, both practical and theoretical, can be used in directing a student towards Year 11, Year 12 and tertiary studies in this area.

NB: Students wishing to develop expertise in any of the disciplines should consider attempting more than one unit in that area.

General Information

Recommended Preparation: Students who wish to do any VCE Arts units are required to study a range of Arts units during Middle School.

Assessment: All units will be assessed on a continual basis. All work, attitudes and progress will be included. Marks will be compiled and assessed for reports. Students are also required to complete assignment work and some practical work at home. Self-appraisal will also be incorporated in many units.

Protective Clothing: It is advisable for students to supply and wear art shirts.

ART

AR090 (\$60 unit fee)

Aims: To improve the student's perceptive skills and powers of observation in terms of representation from the real world and to introduce various means by which aesthetics and designs are used to convey concepts. To extend on the skills and techniques developed in earlier units in either 2D or 3D media. Also students will develop an awareness of the purpose and function of design and how it creates a particular style reflecting the spirit of its time.

Content: Study areas include both 3D and 2D media

- **Drawing /Painting**
- **Ceramics**
- **Contemporary art**
- **Printmaking**

Content:

The methods employed by artists will be studied and incorporated into the artworks. More sophisticated methods of production processes and techniques will be explored. Digital technologies may be used to enhance folio work. Exploration of the visual and construction process will be explored for the specific study area. More advanced techniques relevant to the appropriate media will be examined with the emphasis on developing practical skills. These will include a wide variety of approaches suitable for each media studied. It will also cover an introduction to composition and aesthetics used in each study area in building an individual style for each student. Assignment work will involve the use of both hand and digital production.

Assessment:

- Folio of completed works
- Assignments
- Journal
- Creative expression
- Skills with materials and techniques
- Class participation
- Self-evaluation

DRAMA

DR090

Aims: this unit aims to develop the students' awareness of physical form and characterisation and how to manipulate it through body language, facial expressions and vocal variation to create characters and a believable world.

Through script analysis, improvisation and the use of different theatre styles the students have the opportunity to create meaningful performances for their peers and select audiences, as well as reflect on the practices of others and themselves.

Content:

- Development of improvisation and role play towards performances
- Voice production
- Script and characterisation study
- Reflection exercises

Assessment:

- Development and participation
- Students' willingness to be involved in class activities
- Theatre styles
- Performance groups
- Improvisation and character
- Script work
- Voice and body characterisation
- Observation skills
- Written assignments

FOOD TECHNOLOGY

FT090 (\$70 unit fee)

Aims: In this course students build on the knowledge they learnt in Year 8. While learning about food from around the world, they focus closely on hygiene and safety in the kitchen, knife skills and food preparation skills. Students explore the different food groups and produce and evaluate meals to suit particular requirements. They are encouraged to be creative with dishes and have opportunities to design their own recipes throughout the course.

Content: development of skills learnt in year 8 Food Technology

- Food from around the world
- Hygiene and food safety
- Food preparation skills
- Food groups
- Producing and evaluating meals
- Food models
- Nutrients

Assessment:

- Practical work
- Tests
- Design tasks
- Research assignment

MEDIA

ME090 (\$60 unit fee)

Aims: This unit aims to explore a series of short film and photographic texts and investigates the constructs of genre, roles and social influences, which affect the messages the text conveys. This unit also provides students with an introduction to media in VCE, the opportunity to practice screen/photo-acting techniques and to participate in a range of the following tasks: short films, animation and photography. This unit also introduces students to the visual elements of film and photographic construction including framing, sound, lighting and camera work. Students will come in contact with a variety of film and photography techniques.

Content: Students could participate in a range of the following tasks:

- Short films
- Media themes
- Film construction and techniques
- Story boards and elements
- Camera techniques
- Screen acting skills
- Photographic techniques

Students will work collaboratively in teams as well as individually. They will plan and produce a folio of work.

Recommended Preparation: Students interested in working in film/T.V., in a behind the scene capacity should consider this unit.

Possible assessment pieces:

- Photography
- Film / music videos
- Media advertising
- Print
- Written analysis

MUSIC

MU090

Introduction: Music is widely recognised as a powerful influence throughout all cultures. It's an almost instinctive means of creative expression, and as such soothes, excites, amuses, angers, saddens, and even lulls us into buying things. Music reaches into the fundamental areas of personal, social and cultural identification, communication, and emotional functioning. If education encourages the growth of the complete individual as an integral part of their community, then music is vital to it.

The Year 9 Music Course has been designed for students to discover and explore areas of musical interest, and also to allow the sequential development of core skills at different levels. All units of study give the opportunity to compose and perform music, as well as to learn about a wide range of musical styles.

VCE MUSIC

Brentwood offers VCE Music Performance for Units 1, 2, 3 and 4. To be eligible to study Music Units 1 and 2, students must be receiving instrumental tuition. Students wishing to study VCE music should complete as many music units as possible.

INSTRUMENTAL MUSIC

Learning a musical instrument provides students with opportunities to develop skills in performing as a team member within an ensemble, and as a soloist. These skills are known to contribute significantly towards the refinement of social and self awareness, communication, creative thinking and analysis, and the abilities to learn and achieve.

Lessons are held during class time on a weekly rotating timetable. A limited number of instruments are available for hire at a fee of \$250 per year. Students are awarded one point per semester for their participation in the Instrumental Music program including performance in the school band, orchestra or choir and other ensembles.

COURSE STRUCTURE

Understanding and investigating music

Aim: This unit is designed to assist with the development of music performance whilst introducing students to analytical approaches to music on a cultural level. Students also explore areas of music that interest them as well as how music can form part of one's identity.

Content: Students explore different approaches and methods in preparing musical performance pieces for different contexts. They study the affect that music can have on other art forms including media and visual art. Students develop their theory and aural skills through a range of practical and written activities. Students hone their ability to use musical terminology in discussion as well as in their written work.

Assessment:

Group and Solo Performance
Theory and Aural Skills Test(s)
Research and Investigation Assignment
Classwork and Participation
Composition

PRODUCT DESIGN TECHNOLOGY - WOOD

WW090 (\$65 unit fee)

Course Outline: Practical Arts offer valuable experiences to both complement academic studies and act as a basis for practical vocation.

It has been found that the range of practical experience and abilities varies widely. In response to this all Practical Arts units are designed to give each student work projects which are suited to his or her particular needs and abilities. This allows each student to progress fully in each unit.

Finance: As student projects vary widely in size and cost, students are required to contribute on a "user pays system", to a portion of materials used.

COURSE STRUCTURE

Aims: To develop a comprehensive understanding of the design process, documenting all steps and stages using a Visual Diary. Become capable of using complicated forms of construction with emphasis on dexterity control and planning skills (such as dowel and housing joints). The aim is to design, produce and evaluate a usable product.

Content: Respond to a design brief based a design need or problem. Undertake research relevant to a design brief; produce a range of design options including selection and justification of preferred option. Producing a product using a variety of tools and equipment including hand tools and power tools as well as basic static machinery. Production process includes measuring and marking of components, construction methods including dowel and housing joints. Evaluation of both the design and production stages.

Recommended Preparation: This semester length unit gives time for development of a more comprehensive range of skills, this includes design and production processes

Assessment: Students will be assessed on the investigating and design process documented in their Visual Diary. Presentation and quality of the production piece. Evaluation of both the design and production processes.

VISUAL COMMUNICATION

VC090 (\$60 unit fee)

Aims: In Year 9 Visual Communication students learn about the role of the designer in making visual communications in our society and are provided with opportunities and experiences in which to create and make their own visual communications. Students are introduced to the Elements and Principles of Design and through a range of practical tasks develop a sound understanding of how these are used in design process.

Content:

- Elements and principles of design
- The design process
- Drawing techniques – observational and visualisations
- Rendering techniques
- Technical drawing techniques
- Digital drawing techniques

Assessment:

- Folio of finished presentation drawings
- Visual diary
- Analysis of visual communications
- Assignments

HEALTH AND PHYSICAL EDUCATION LEARNING AREA

HEALTH

HL090 HEALTHY HABITS

Introduction: Health provides students with skills, knowledge and attitudes to make healthy lifestyle decisions.

Assessment: Students will be assessed on the following items:

- classroom engagement
- oral presentation(s)
- written task(s)
- test(s)

Aims:

This unit enables students to:

- investigate the impact of alcohol, illicit drugs and healthy eating on health and wellbeing;
- examine the range of personal, environmental and social factors that can influence an individual's choices and explore and evaluate options, consequences and healthier and safer alternatives; and
- develop an understanding of emergency assessment and first aid care in order to be able to demonstrate management of basic first aid situations.

Content:

The areas of study in this unit include:

- | | |
|-------------------------------------|----------------------------|
| • Safe partying | • Food models |
| • BAC – Blood Alcohol Concentration | • Food labeling |
| • Standard drinks | • Adolescent Eating Habits |
| • Illicit Drugs | • Dietary related diseases |
| • Cannabis | • Dieting |
| • Digestive System | • Basic First Aid |
| • Nutrients | • Personal Identity |

The Duke of Edinburgh's Award

DU090 The Duke of Edinburgh's Award

Cost: \$300 - \$160 course fee and \$140* adventurous journey fee (*may vary depending on the number of students participating)

Aim: The Duke of Edinburgh's Award (Bronze Level Certificate) requires a student to demonstrate an on-going commitment (approximately 1 hour per week for 6 months) in order to complete activities in four areas: Volunteering (Service), Skill, Physical Recreation and an Adventurous Journey. Students are given opportunities through which to achieve personal goals, foster initiative, develop confidence and build interpersonal skills including communication and teamwork.

Content: The Duke of Edinburgh's Award, an internationally recognised program, promotes personal development through the undertaking of a single adventurous journey (4 days and 3 nights) and the participation in a local community volunteering project. The Skill and Physical Recreation must be completed in the student's own time.

Students selecting this subject must complete an application form, available from the Head of HPE. Students must commit to full participation in all aspects of the program. As well as the required financial commitment, students are required to commit to:

- learning a skill for 3-6 months. E.g. cooking, sport coaching, photography, a language.
- participating in a physical recreation endeavour for 3-6 months. E.g. running, a sport, kayaking.
- completing 3 months of community service involvement. E.g. Coaching or teaching primary school students.
- completing a single adventurous journey (4 days and 3 nights)
- actively promoting the safety of self and others.
- completing the on-line record for the Duke of Edinburgh's Award (Bronze Level Certificate)
- completing an expression of intent to partake in all aspects of the program.

Assessment:

- Oral Presentation
- Inspirational person report
- Participation in and completion of a diverse range of class activities
- Community Service
- Adventurous Journey
- Class activities
-

Students Application Process for Duke of Edinburgh

All students must complete the application form and it will be reviewed based on:

- Participation in HPE in Yr7 and 8.
- Prior behaviour at school- in class, in the yard and off campus.
- Leadership qualities and potential
- Financial commitments for DOE

Students will then be referred for enrolment into the subject.

PHYSICAL EDUCATION

Introduction: We aim to provide students with the skills, knowledge & attitudes to lead active & healthy lives. Students will experience a wide range of physical activities, including a variety of sports and recreational activities.

Emphasis will be placed on students' participation, development of personal fitness and ability to perform a range of skills in game situations. In addition to practical activities, there will be an increased emphasis on theory in order to best prepare students for the rigors of VCE studies.

To participate in practical lessons students must wear full Brentwood PE/Sports uniform. This uniform consists of:

- Brentwood navy polo shirt
- Brentwood navy shorts/track pants
- Brentwood jacket/rugby polo
- White socks
- Brentwood navy cap(must be worn during PE and Sport when outside all year)

NOTE: Skins, Leggings or Tights are NOT part of the PE/Sports Uniform and should not be worn.

All items can be purchased in one of three ways:

1. **ONLINE:** Purchase your garments online at www.psw.com.au using PSW's secure internet service. Payment is made by credit card and garments will be delivered to you anywhere in Australia. Delivery fee applies;
2. **SCHOOL ORDER FORM:** Print out your school order form and submit it to the school uniform shop with payment details during opening hours or alternatively hand it in at the school office. It will then be filled the next uniform day and given to your child; or
3. **IN PERSON:** View the range and try on the garments at the following location:

PSW Mount Waverley
314 Stephensons Road
Mount Waverley VIC 3149
Tel: (03) 9809 5477

Shop Hours
Monday - Friday: 8:30am - 5:00pm
Saturday: 9:00am - 5:00pm

Assessment: Students will be assessed on the following items:

- participation
- development and application of skills and strategies
- fitness
- written task(s)

PE091 Health and Physical Education- Hitting and Striking Skills

Aims:

This unit enables students to:

- extend their knowledge of the rules, skills development and strategies employed in a variety of hitting and striking sports;
- analyse the role of Physical Activity in improving quality of life;
- investigate the changes made to sporting equipment in order to enhance performance;
- identify and evaluate a range of practices that lead to enhanced sports performance;
- use practical activities to underpin theoretical understanding; and
- gain an insight into VCE Physical Education.
- Analysing current Health Education topics and trends.

Content:

This unit is a combination of theoretical and practical applications in skill development.

This unit include the:

- physical, social and mental health benefits of regular participation in physical activity;
- increased health risks associated with being physically inactive;
- technological advancements in sports equipment design, material, structure and technique;
- roles and responsibilities of the coach;
- various Health Education topics and trends.

The practical areas of study in this unit will focus on a wide range of hitting and striking sports, including: hockey, cricket, golf, softball, lacrosse, tennis, squash, table tennis, fencing and some badminton. There will be some excursions/incursions for a small charge depending on the activity.

PE092 Health and Physical Education- Handball and Football Skills

Aims:

This unit enables students to:

- extend their knowledge of the rules, skills development and strategies employed in a variety of handball and football sports;
- analyse the role of movement analysis, practice and feedback in enhancing performance;
- investigate sports injury risk management strategies used to reduce the risk of injury;
- identify and evaluate a range of psychological strategies used to enhance performance;
- use practical activities to underpin theoretical understanding; and
- gain an insight into VCE Physical Education.
- Analysing current Health Education topics and trends.

Content: This unit is a combination of theoretical and practical applications.

The theoretical areas of study in this unit include:

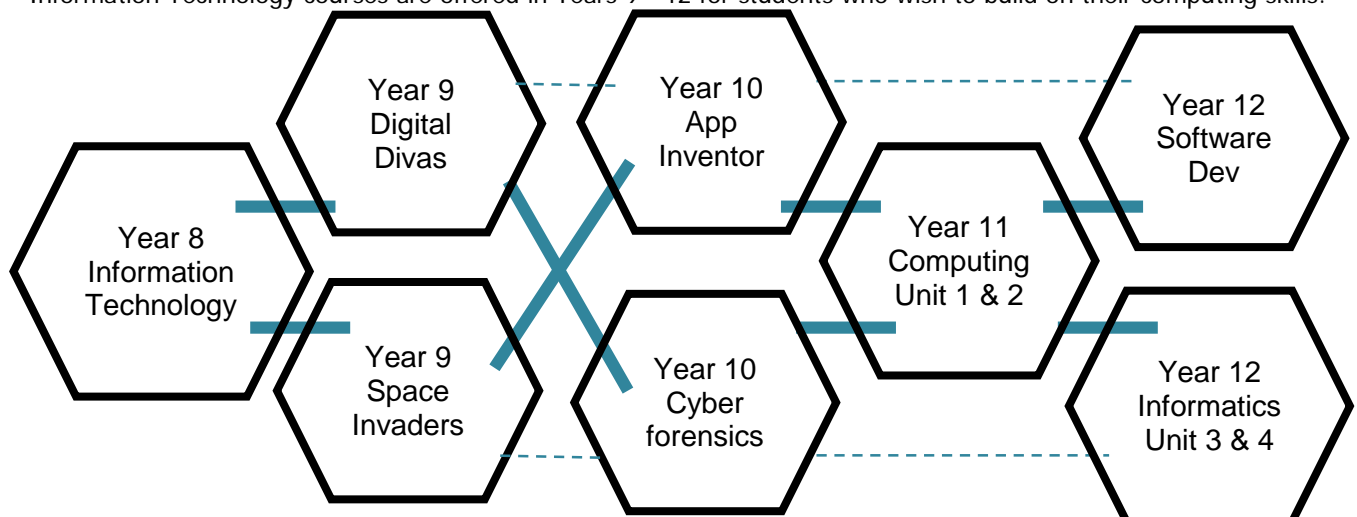
- video analysis of a selected skill;
- types of practice and transfer of practice;
- the role of feedback in skill learning;
- managing and preventing common soft tissue injuries; and
- how to use control arousal, anxiety and mental imagery in order to enhance performance.
- various Health Education topics and trends.

The practical areas of study in this unit will focus on a wide range of ball sports, including; touch rugby, lawn bowls(If available), European Handball, Gaelic Football, Australian Rules Football, gridiron and some netball, basketball, volleyball and soccer.

INFORMATION TECHNOLOGY

Introduction: The increasing emphasis on information and communication technology in today's world means that all students need to be aware of this technology and how it is used. Therefore, there is a need for students to learn computer related skills which they can use both as a tool in their further education and as a skill when they join the work force.

Information Technology courses are offered in Years 9 - 12 for students who wish to build on their computing skills.



IT091 SPACE INVADERS

Aims:

- To challenge students' thinking skills and to introduce them to a range of different software applications used for creativity and solving information problems.
- To build upon the skills learnt in Year 8 Information Technology that relate to programming and design making.

Content: Students will develop skills using applications such as the Adobe Master Collection, Microsoft Office and Game development platforms. Students will learn how to enhance digital photographs, pictures and other images and use different types of software to present their research. Students will be required to justify, develop and modify solutions to meet specific audience needs when producing a digital product. Students are required to use a range of information technology skills, processes and equipment in developing products in this unit.

Recommended Preparation: None

Assessment:

Assignments
Projects
Blog

IT092 DIGITAL DIVAS**Aim:**

This unit allows girls to have fun with I.T. in a club environment whilst challenging the gender imbalance of I.T. units studied at secondary school. This course makes a connection between the use of I.T. with I.T. careers.

Content: Digital Divas is all about 'fun, creativity, learning and teamwork'. Students develop engaging interactive materials using Web 2.0 technologies and work towards designing the Digital Divas brand values and logo. Guest speakers working in industry are invited in as role models to discuss their experience in technical, creative and business oriented I.T. positions. Students will examine a range of emerging technologies and develop efficient techniques for the acquisition, analysis and display of information obtained from the Internet.

Recommended Preparation: None.

Assessment:

Assignments
Collaborative projects
Classwork

LANGUAGES LEARNING AREA

GERMAN AND JAPANESE

A language is by its very nature sequential. To study your chosen language as part of your VCE studies, it is recommended that you study your chosen language and achieve satisfactory grades throughout Years 8, 9 and 10. It is also important to note that students choosing either German or Japanese at Year 9, will be expected to continue with their studies of this subject for the WHOLE year.

(a) GERMAN

GE090 YEAR 9 GERMAN

Aims:

- To develop students' ability to understand contemporary German in written and spoken texts.
- To write and speak effectively in German about familiar everyday situations.
- To heighten awareness of German culture and lifestyle.
- To promote understanding and tolerance of other cultures.

Content: In this unit students develop their listening, speaking, reading and writing skills by studying topics which relate to their own world, e.g. expressing opinions about music, film and other media, exchanging information and opinion about teenage and health issues, home life in Germany and Australia, travel, asking for and giving directions.

Students are required to learn topic-related vocabulary and extend their understanding of major grammatical structures e.g. perfect tense, modal verbs, imperatives, accusative and dative prepositions, coordinate and subordinate clauses, comparative and superlative forms. Some activities may involve the use of information technology resources for research and for the production of assignments.

Assessment:

- General class work and homework
- Participation in language activities
- Formal grammar and vocab tests
- A range of in-class assessment tasks using reading, writing, listening and speaking skills in German
- Project work.

(b) JAPANESE

JA090 YEAR 9 JAPANESE

Aims:

- To develop students' ability to understand and use Japanese within the world of their experiences and in topics related to events of general interest.
- To convey personal or factual information in writing and speaking
- To heighten awareness of Japanese culture and lifestyle
- To promote understanding and tolerance of other cultures

Content: In this unit students develop their listening, speaking, reading and writing skills by studying topics related to their experiences, eg. locations, schools and seasons, shopping, describing people and ordering in a restaurant.

Students are required to be familiar with topic-based vocabulary. They will expand their grammatical knowledge in use of adjectives to provide details, descriptive words and how to express wishes and preferences. They are also required to learn the significance of particles. Students learn to provide reasons for preferences using adjectives when expressing simple opinions in role-plays and present a restaurant role play, using expressions and fillers to maintain the dialogues.

A research project on an aspect of Japanese culture encourages students to further develop their intercultural knowledge.

Assessment:

- General class work
- Participation in language activities
- Formal grammar and vocabulary tests
- A range of in-class assessment tasks using reading, writing, listening and speaking skills in Japanese
- A cultural and language assignment

Year 9 2017 Course Selection

Name: _____ HG:8__



Please fill out your selections in the preference boxes below with your parents. This form will be used to help you enter the selections at school. Bring your charged iPad and this form to period 1 on August 15.

Selection process:

Note – You are automatically enrolled in the core subjects (English, Maths, Science, Humanities) for the year – see page 4 of the Year 9 Curriculum Handbook. Don't enter these subjects.

1. First select the **'Language'** stream **or** the **'No Language'** stream. Fill in that column only.

'Language' stream - select German or Japanese Semester 1 and Semester 2 and then 6 electives in priority order from the semester length elective offerings in the Curriculum Handbook - see page 4.

'No Language' stream - select 8 electives in priority order from the semester length elective offerings in the Curriculum Handbook - see page 4.

2. Students **must select** at least **one Health or PE** unit and at least **one** unit from the **Arts**.

3. Students can select a **maximum of 3 Arts** units in their top 6 selections.

Language Stream	No Language Stream
1 German / Japanese - Semester 1	1
2 German / Japanese - Semester 2	2
3	3
4	4
5	5
6	6
Reserve 1	Reserve 1
Reserve 2	Reserve 2

This form must be signed by a parent/guardian before the selections can be entered online.

Parent / Guardian Name: _____

Parent / Guardian Signature: _____

Date: _____

Teacher code confirming enrolment completed: _____