

Rosehill Secondary College

EIGHT 2019

COURSE SELECTION HANDBOOK



CONTENTS

Curriculum Structure 01

Overview	01
Core and Elective Number of Periods	02

Special Requirements 03

- The Arts	03
- Languages	03
- Languages Pathways	04
- Mathematics Pathways	05
- Science Pathways	06
- Technology Overview	07

Unit Descriptions 08

English 1	08
English 2	08
English as an Additional Language	08

Mathematics 1	09
Mathematics 2	09

Enhanced Literacy	09
Enhanced Numeracy	09

Science	10
---------	----

Humanities	10
------------	----

Languages 11

Italian	11
Japanese	11

Physical Education and Health - PH81	11
--------------------------------------	----

The Arts 11

Art	11
Classroom Music	12

Dance	12
Visual Communication Design	12

Technology 12

Food Technology	12
Materials Technology	13
Systems Technology	13
Textile Technology	13

Semester Elective Units 14

Money for Life	14
----------------	----

3D Art	14
Performance Studies	14
Junior Band	14
Drama	15

Footy Codes	15
Good Sports	16

Advanced Food Technology	15
Advanced Materials Technology	16
Materials Technology for Girls	16

Unit Costs 17

CURRICULUM STRUCTURE

Overview Years 7-9

Year 7 Units of Study

Core

English
Mathematics
Science

Semester Core Units

Humanities
Languages
- Italian
- Japanese
Physical Education and Health
The Arts
- Art
- Music
- Drama
- Visual Communication Design

Enhanced Numeracy
Enhanced Literacy

Technology
Food Technology
Materials Technology
Systems Technology
Textile Technology

Semester Elective Units

Money and Markets
3D Art
Performance Studies
Band of Beginners
Dance
Active for Life
Sports Bag
Materials Technology for Girls

Year 8 Units of Study

Core

English
Mathematics
Science

Semester Core Units

Humanities
Languages
- Italian
- Japanese
Physical Education and Health
The Arts
- Art
- Classroom Music
- Dance
- Visual Communication Design

Enhanced Numeracy
Enhanced Literacy

Technology
Food Technology
Materials Technology
Systems Technology
Textile Technology

Semester Elective Units

Money for Life
3D Art
Performance Studies
Junior Band
Drama
Footy Codes
Good Sports
Advanced Food Technology
Advanced Materials
Technology
Advanced Materials
Technology for Girls

Year 9 Units of Study

Core

English
Mathematics
Science

Semester Core Units

Humanities
Languages
- Italian
- Japanese
Physical Education and Health
The Arts
- Art
- Visual Communication
Design
- Classroom Music
- Drama
- Dance
- Media Studies 1: Introduction to
Media

Interdisciplinary Studies

Technology
Food Technology
Materials Technology
Systems Technology
Textile Technology
Computer Applications
Computer Aided Design
& 3D Printing

Semester Elective Units

Commerce
3D Art
Dance for Boys
Performance Studies
Band Class
Media Studies 2: The Digital
World
Boot Camp
Thrills and Spills
Advanced Food Technology
Advanced Materials Technology
Advanced Systems Technology
Materials Technology for Girls
Systems Technology for Girls
Computer Programming
Web Design and Interactive
Multimedia
History and Popcorn

CORE AND ELECTIVE NUMBER OF PERIODS

Semester 1

Semester 2

CORE all year

English 3 periods
Mathematics 3 periods
Science 3 periods

Core Technology - a range of units to choose from - 3 periods a week

Core Humanities - 3 periods a week

Core Languages - 3 periods a week

Core Physical Education and Health - 3 periods a week

Core The Arts - a range of units to choose from - 3 periods a week

Elective - a range of units to choose from Technology / Languages / The Arts / Humanities / Physical Education and Health - 3 periods a week

Literacy - 2 periods a week (Year 7 & 8)
Interdisciplinary - 2 periods a week (Year 9)

Numeracy - 2 periods a week (Year 7 & 8)
Interdisciplinary - 2 periods a week (Year 9)

SPECIAL REQUIREMENTS

The Arts

Music

Due to the hands on approach in all Music units, students are required to enrol in instrumental music classes at the beginning of the year and to continue learning the instrument for the whole year.

Performance Studies

Students may be required to attend afternoon and weekend rehearsals.

Junior Band

At least one year experience on the specified instrument. Students must maintain tuition on their chosen instrument for the year.

Visual Communication Design

Due to the digital nature of this subject, students will need to have the Adobe suite of programs loaded onto their laptops at the beginning of the Semester. This will be provided free of charge by the College IT Department. Students will also be required to have printing credit on their PaperCut accounts.

Languages

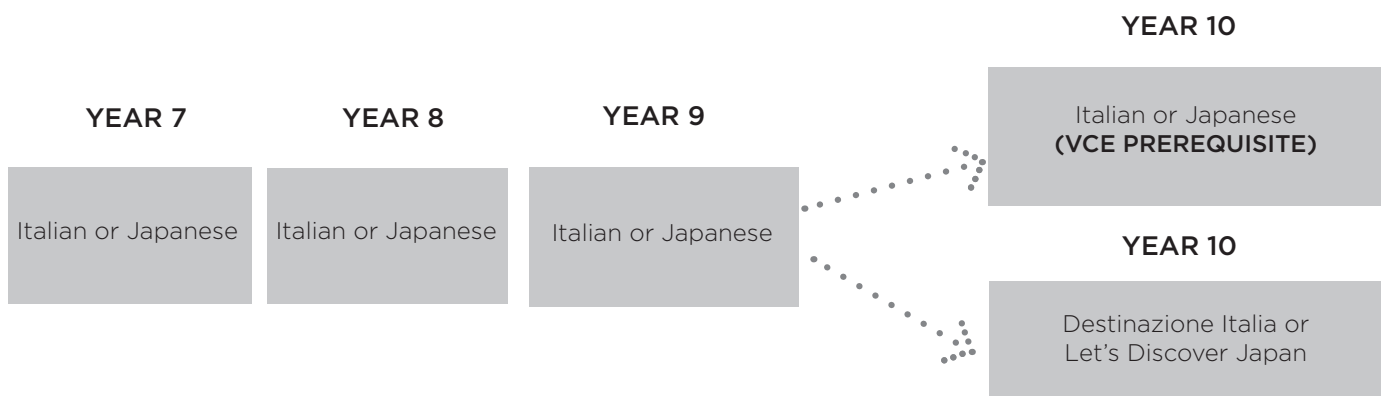
1. At least one unit of Languages must be studied in each year between Years 7-10.
2. Students who wish to go on to VCE Languages must successfully complete at least five units over the four years from Year 7 to Year 10 in the following sequence: Year 7 Languages, Year 8 Languages, Year 9 Languages, Year 10 Languages 1 and 2. Students who have completed less than five units and have some language background or other studies in Italian or Japanese, and wish to enrol in VCE, must sit an interview with their Languages teacher.

Year Level	Subjects needed to be completed to do VCE Languages	
Year 7	Year 7 Languages	
Year 8	Year 8 Languages	
Year 9	Year 9 Languages	
Year 10	Year 10 Languages 1	Year 10 Languages 2

Year 8 Languages Units

Year Level	Unit
8	YEAR 8 ITALIAN YEAR 8 JAPANESE

- Students are required to study Languages in a sequence from Year 7 to Year 10, so they **cannot change language after Year 7** unless they are approved of required language skills by an appropriate Languages teacher.
- All students must complete a one unit of Languages in Year 8 (Italian or Japanese).



MATHEMATICS PATHWAYS

YEAR 12

UNIVERSITY MATHS



YEAR 11

SPECIALIST MATHS 3/4



SPECIALIST MATHS 1/2



YEAR 10

MATHS METHODS 3/4



MATHS METHODS 1/2



ADVANCED MATHS

(AT LEAST ONE SEMESTER OF THE ELECTIVE TRIGONOMETRY/CALCULUS)

* BASED ON YEAR 9 ACADEMIC RESULTS

YEAR 7

MATHS

YEAR 8

MATHS

YEAR 9

MATHS

YEAR 10

GENERAL MATHS



GENERAL MATHS 1/2



FURTHER MATHS 3/4

FOUNDATION MATHS 1/2



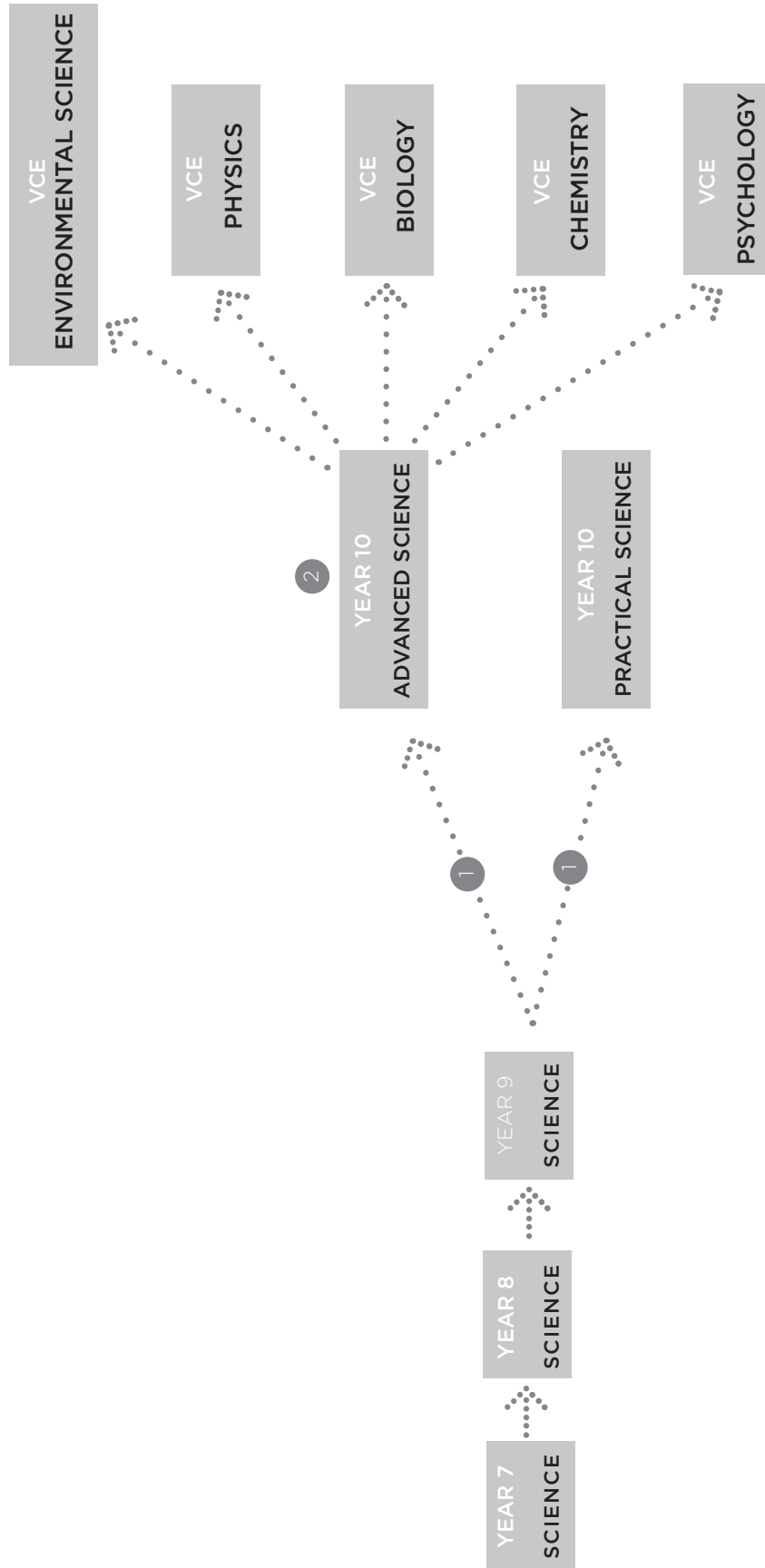
* YEAR 9 ACADEMIC RESULTS IN TESTS, EXAMS AND EXAMS AND NAPLAN WILL BE USED TO DETERMINE ENTRY INTO YEAR 10 MATHEMATICS CLASSES.

* YEAR 10 ACADEMIC RESULTS IN TESTS, EXAMS AND THE YEAR 10 APTITUDE TEST WILL BE USED TO DETERMINE ENTRY INTO YEAR 11 MATHEMATICS CLASSES.

STUDENTS MAY ELECT TO STUDY NO MATHS AT YEAR 11

STUDENTS MAY ELECT TO STUDY NO MATHS AT YEAR 12

SCIENCE PATHWAYS



1 Year 9 academic results in projects, tests and exams will be used to determine which stream of science you can complete at year 10.

2 Year 10 Advanced Science academic results in projects, tests and exams will be used to determine which stream of VCE science you can complete. Please note students must complete both semesters of Advanced Science to be eligible for VCE.

Note: Students may elect to complete no science at Year 11 or Year 12

TECHNOLOGY OVERVIEW YEAR 7-9

Technology Core

Elective Units

Year Level	<i>Must select 1 each year</i> • Students must choose a different unit each year	<i>Prerequisite</i> • Students must complete a core unit before they can select this unit	<i>No Prerequisite</i> • Students can select this unit without completing a core unit
7	Students choose 1 from: <ul style="list-style-type: none"> • Food Technology • Materials Technology • Systems Technology • Textile Technology 	Not Applicable	• Materials Technology for Girls
8	Students choose 1 from: <ul style="list-style-type: none"> • Food Technology • Materials Technology • Systems Technology • Textile Technology 	<ul style="list-style-type: none"> • Advanced Food Technology • Advanced Materials Technology 	• Materials Technology for Girls
9	Students choose 1 from: <ul style="list-style-type: none"> • Food Technology • Materials Technology • Systems Technology • Textile Technology • Get Online - Using Information Technology Today 	<ul style="list-style-type: none"> • Advanced Food Technology • Advanced Materials Technology • Advanced Systems Technology 	<ul style="list-style-type: none"> • Materials Technology for Girls • Systems Technology for Girls • Computer Programming • Web Design and Interactive Multimedia

UNIT DESCRIPTIONS

ENGLISH 1 & 2

Reading and Viewing: Students explore how the selection of text structures is influenced by the selection of language and how this varies for different purposes and audiences. They select evidence from the text to show how events, situations and people can be represented from different viewpoints.

Writing: Students create texts for different purposes selecting language to influence audience response. Through combining ideas, images and language features from other texts students show how ideas can be expressed in new ways. They demonstrate understanding of grammar, select vocabulary for effect and use accurate spelling and punctuation.

Speaking and Listening: Students listen for and identify different emphases in texts, using that understanding to elaborate upon discussions. Students make presentations and contribute actively to class and group discussions, using language patterns for effect.

School Assessed Coursework

- Text Response
- Writing and Language Development
- Oral Communication

ENGLISH AS AN ADDITIONAL LANGUAGE (EAL)

Secondary EAL students enter school in Australia with a diverse range of educational backgrounds and prior experience with English. Many will be encountering English for the first time. Others will have studied English in their primary or secondary schooling in their country of origin.

Some may have had no schooling related to their first language in written form. These students first need to acquire oral English and basic literacy in English, and will be assessed in Stage SL before moving to Stage S1. EAL teachers report that many of these students acquire oral English very quickly, because of the different aural and memory capacities they have developed through growing up without access to the written word.

School Assessed Coursework

- Writing and Language Development
- Oral Communication

MATHEMATICS 1

This unit covers content from the 'Number and Algebra' strand of the Victorian Curriculum. Students will complete the following topics:

Measurement – Students use geometric reasoning to perform transformations on shapes and develop 3D understanding.

Directed Number – Students order, add, subtract, multiply and divide with directed numbers.

Algebra – Students sketch and interpret graphs of linear and other simple relations, and investigate and use index laws.

Probability – Students explore complementary events, tree diagrams and two-way tables.

School Assessed Coursework

- Topic Tests
- Application Tasks

MATHEMATICS 2

This unit covers content from the 'Measurement and Geometry', 'Number and Algebra', and 'Statistics and Probability' strands of the Victorian Curriculum. Students will complete the following topics:

Algebra – Students add, subtract, multiply and divide algebra terms, expand and factorise expressions, and solve increasingly complex equations.

Statistics – Students present and analyse data using graphical techniques and technology.

Ratio – Students compare different qualities in money, food and nature.

Geometry – Students measure and draw angles in polygons. They find missing angles, complete shape transformations and perform isometric drawings.

School Assessed Coursework

- Topic Tests
- Application Tasks

During Year 8, students will undertake two semester units that aim to enhance Literacy and Numeracy skills. They will also be involved in a number of activities that focus on their personal development.

ENHANCED LITERACY

Enhanced Literacy is a subject specifically designed to improve all students' skills in literacy. The study will cater to the needs of students, enabling all students to develop their literacy skills in reading, writing, speaking, viewing and listening. The course in Year 8 is based on selected units focused on studying the media and key technical aspects required for reading and writing different text types. It also involves the study of persuasive techniques and the connection between these and techniques used in speech writing. Students are required to write and perform their own speech using the required techniques.

School Assessed Coursework

- Assignments

ENHANCED NUMERACY

This unit covers content from the 'Number and Algebra' strand of the Victorian Curriculum. Students complete the following topics:

Fractions, Decimals, Percentages – Students explore equivalence and compare, add, subtract, multiply and divide fractions and decimals including within practical contexts. They connect fractions, decimals and percentages to real life scenarios and convert between them.

Application of Percentages – Students apply their knowledge of percentages to financial scenarios including discounts, mark ups and interest.

Ratio and Rates – Students learn common uses of ratio and its links to fractions, decimals and percentages.

School Assessed Coursework

- Topic Tests
- Application Tasks

SCIENCE

In Year 8 Science, students will study three to four topics per semester across five different disciplines of Science. These disciplines include Science as a Human Endeavour, Physics, Earth and Space Science, Chemistry and Biology.

First Semester

Rock Cycle and Timescale – Students learn to

explain the rock cycle, including the formation of igneous, sedimentary and metamorphic rock. Students will also explore the timescale on which geological processes occur.

Elements and Compounds – Students are introduced to the idea of elements, compounds and the periodic table. Through investigation, students will be able to describe how the properties of elements are different to the properties of compounds.

Cells – Students will learn that living things are made of cells that have evolved to perform functions that enable the whole organism to survive and reproduce. With microscopes, students will examine the components that make up a cell.

Digestive Organ Systems – Students will learn that multi- cellular organisms coordinate their functions using specialised tissues and organ systems. Students will also understand that organs within a multi- cellular organisms work in conjunction to keep an organism alive.

Second Semester

Mixtures – Through investigation, students will be able to classify different types of mixtures (such as solutions, suspensions and colloids). Students will also learn a variety of techniques to separate mixtures into their constituent parts.

Robotics - Students will learn about real-world problems to design algorithms offline for simple tasks (for Sphero) and to model them within Sphero to learn basic components that control them.

Cardiopulmonary and Reproductive Organ Systems

– Students will learn that multi- cellular organisms coordinate their functions using specialised tissues and organ systems. Students will also understand that organs within a multi- cellular organisms work in conjunction to keep an organism alive.

Thermodynamics - Students will understand and will be able to describe basics of heat transfer: conduction, convection and radiation. They will then be able to identify and provide examples how heat energy is transferred in everyday situations.

School Assessed Coursework

- Assignments
- Unit Tests
- Practical Work
- Exam

HUMANITIES

This unit includes the study of both Geography and History.

In the Geography unit students will focus on landforms and landscapes and will participate in a fieldtrip to further their skills and understandings. Students will further develop their geospatial skills through mapping activities, data collection and analysis. They will collect, record and select relevant geographical data and information from useful sources. Students select and represent data and information in a range of appropriate forms.

In History students will continue to develop their historical understanding, knowledge and skills through key inquiry questions. Students will study the Medieval World, with a focus on the Vikings, and the legacies of these civilisations to our society today. Students will be able to analyse the different perspectives of people in the past and evaluate how these perspectives are influenced by significant events, ideas, location, beliefs and values. Students will continue to develop their ability to analyse and corroborate sources and evaluate their accuracy, usefulness and reliability.

School Assessed Coursework

- Assignments
- Workbook
- Tests

ITALIAN

This unit is a continuation of Year 7 Italian. All Year 8 students studying Italian must complete this unit. The course will introduce many new grammatical concepts as well as extend the use of the language learnt. This unit will incorporate the four areas of speaking, listening, reading and writing. The unit will focus more on communicative tasks and students will be expected to participate in speaking activities, role-plays, dialogue readings, written activities and languages on line. Students will be encouraged to produce ICT presentations. Themes will include Family, School, Personal preferences, Descriptions, Friendship, and Animals and nature. This course will also incorporate cultural aspects of Italy, for example, the importance of family, stereotypes in different cultures, beliefs about animals, the Italian school system, and the Euro and other currencies around the world.

School Assessed Coursework

- Listening and Reading Comprehension
- Speaking Tasks
- Writing Folio

JAPANESE

This unit is a continuation of Year 7 Japanese. All Year 8 students studying Japanese must complete this unit. This unit will incorporate the four areas of speaking, listening, reading and writing. The unit will focus more on communicative tasks and students will be expected to participate in speaking activities, role-plays, dialogue readings and written activities. Themes will include Self-Introduction, Interests, Likes and Dislikes, School Life, Food and Classroom Instructions. Students will be exposed to Japanese by imitating models to create simple sentences, and listening to Japanese speech provided by the teacher. By the end of this unit, students will be able to identify simple phrases in Japanese, both orally and in writing, and construct simple sentences using models provided. Katakana and some kanji scripts will be introduced.

School Assessed Coursework

- Listening and Reading Comprehension
- Speaking Tasks
- Writing Tasks

PHYSICAL EDUCATION AND HEALTH

During practical activities students will continue to develop their skills in a variety of sporting activities. Students will also have the opportunity to develop their leadership and confidence through peer teaching. Students will be given the opportunity to design and teach a range of warm-ups, skills, drills and minor games.

Students will participate in the following activities:

- Netball
- Lacrosse
- Tennis
- Football
- Hockey

The health component will analyse topics such as harm minimisation, alcohol, reproductive health and bullying.

School Assessed Coursework

- Skill Development
- Health Assignment
- Harm Minimisation Assignment

ART

Students will learn about a selection of art-making techniques and use of a range of mediums. They will investigate the work of artists from different times and places and will continue to use their folio to document their development of skills. Students continue to learn to analyse and interpret the messages that are communicated within artworks, using art language to describe what they see.

This subject can be selected in addition to, or instead of Year 8 3D Art.

School Assessed Coursework

- Art Folio
- Art Literacy
- Final Presentations

CLASSROOM MUSIC

The focus of this unit is on the History of Rock. Much of the course is spent looking at music from the past 60 years and how musicians and styles have influenced the music of today. Theory focuses on the relationship between notes, key signatures, scales and chords, which will assist them in their own playing on their chosen instrument. Students form bands and are involved in a school based performance. Students learn how to review a concert and create aesthetic reasoning towards various performances.

Due to the practical nature of the subject, it is compulsory for students to be enrolled in instrumental lessons.

School Assessed Coursework

- Performance
- Concert Reviews
- Workbook / Theory

DANCE

In Year 8, students will undertake a group dance task where they are to collaborate in choreographing their own dance piece and perform this to the class. They will analyse different dance routines where they look at how dance movements can tell a story using appropriate dance terminology. Students will also be assessed on how they learn, interpret and perform a learnt dance work taught by the teacher. Finally, students will complete a research project on different dance styles.

School Assessed Coursework

- Group Work Performance
- Learnt Work Performance
- Research Project

VISUAL COMMUNICATION DESIGN

Students will continue to develop their digital media skills as they use Adobe Illustrator and Adobe Photoshop to produce communication designs. They will undertake some research and analysis of designs that will inspire their own work. Students will use their folio to document their development of skills as they sketch and create logos, advertisements, magazine designs and/ or skateboards for a specific target audience. At Year 8 students begin to learn some technical drawing techniques with a focus on two-point perspective.

A significant amount of work in this subject is undertaken on the computer so printing credit is an essential requirement.

School Assessed Coursework

- Design Folio
- Design Literacy
- Final Presentations

FOOD TECHNOLOGY

Year 8 Food Technology adopts a closely related theoretical and practical approach to learning. In this unit, students will expand their knowledge, understanding and application of sensory analysis, safety and hygiene, measuring, tools and equipment, food preparation processes, Australian food models, nutrients and the nutrient needs required through the life span. Students will investigate a range of key foods, their nutritional content, composition and role in designing meals. They will also develop the skills to examine social, ethical, economic and sustainability factors including an exploration of issues such as sustainable agriculture, organic farming, food security and the ethical treatment of animals. During weekly production sessions, students will produce a range of food items. They will have the opportunity to develop and improve their food preparation, cooking and presentation skills. Students will use the design process to investigate, generate, plan and manage, produce and evaluate a range of designed solutions in response to specific design brief scenarios. These can vary in complexity depending on the student's ability.

School Assessed Coursework

- Investigation
- Food Preparation Skills
- Food Portfolio
- Design Brief/s

MATERIALS TECHNOLOGY

In this unit of work, students will develop the ability to work with a range of materials such as wood, metal and plastics. They will implement a variety of skills relating to the design and investigation of products which will then be produced in later stages of the unit. During the semester, they will be instructed in the safe use of the tools, equipment and machines required to complete individual production models. On completion of the production tasks, students will be required to evaluate the design features, processes, tools and equipment used and make recommendations for future product modifications and improvement.

School Assessed Coursework

- Investigation
- Production Skills
- Design Folio / Briefs

SYSTEMS TECHNOLOGY

In this unit, students will develop an understanding of simple electrical and mechanical processes and theory. They will also gain a basic understanding of solar energy and its uses in everyday situations. An understanding of electrical and mechanical processes, will be developed through the investigation, design, production and evaluation of simple, easily built models. Students will develop a range of technological and manipulative skills and will be encouraged to work with a variety of materials as well as a range of tools and equipment.

School Assessed Coursework

- Investigation
- Production Skills
- Design Folio / Briefs

TEXTILE TECHNOLOGY

Through enquiry and investigation, students will deepen their knowledge and understanding of textile materials, processes and terminology. Students will investigate fabrics and finishes in detail and use this knowledge to select and process materials. They will investigate a range of fastenings and ways to join materials, discussing suitability. Students create templates to ensure accuracy and make links to mass production. Practical skills are enhanced through a range of focused practical tasks. Students will revisit the design process and complete a major design brief where they will use the design process to investigate, generate, plan and manage, produce and evaluate a jumper. This task can vary in complexity depending on the competence of the student.

School Assessed Coursework

- Focused Practical Tasks
- Design Brief/s

ELECTIVE UNITS

MONEY FOR LIFE

Students will examine issues relating to earning an income, the many reasons why people work and the changing nature of work. They will explore the characteristics of entrepreneurs and successful businesses. They will investigate a range of topics including factors that influence consumer choices and financial decisions; spending, saving and budgeting; scams and swindles; and mobile phones. The overall aim of the course is to improve students' financial literacy skills. Students will be encouraged to complete tasks and assignments using Information and Communications Technologies (ICT) and in particular explore the various online financial literacy resources available.

School Assessed Coursework

- Assignments
- Workbook
- Tests

As there is no textbook, students will be provided with resources including photocopied booklets for each topic.

3D ART

Students will work with a selection of 3D art-making mediums such as wire, cardboard, papier-mâché and air-dry clay. They will investigate the work of artists from different times and places with a focus on culture and will continue to use their folio to document their research and development of skills. Students continue to learn to analyse and interpret the messages that are communicated within artworks, using art language to describe what they see.

This subject can be selected in addition to, or instead of Year 8 Art.

School Assessed Coursework

- Art Folio
- Art Literacy
- Final Presentations

PERFORMANCE STUDIES

This unit's aim is to introduce students to a wide variety of performance skills. This unit caters for students with different levels of experience and skills; it aims to engage students in active learning and build student confidence. Students will study acting, dancing and singing in preparation for the annual school production which may be a musical or cabaret. Students will get to experience what it means to be in a real production. The main aspect of the class is the rehearsal process for the production but there is also a theory component which is rotated between the history of the musical, the history of performance and the history of technical theatre. Students will be expected to complete a research assignment, a journal and a review of the school production.

School Assessed Coursework

- Performance Styles
- Live Performance
- Research Assignment

JUNIOR BAND

This unit has been designed for students learning an instrument either at school or privately. The main goal of this elective is performance. Students will be required to participate in a minimum of two performances a year with two of the three classes allocated to ensemble rehearsals. The remainder of classes will be divided between music theory, investigation and an appreciation of works.

A prerequisite of this unit is that students must have knowledge on an instrument, and are taking weekly instrumental lessons.

School Assessed Coursework

- Workbook / Theory
- Investigation
- Solo Performance
- Ensemble Performance

DRAMA

This unit will consolidate students learning in Drama, concentrating on devised and scripted performance. The unit is practical with participation in drama games and activities to develop performance skills. Students will study different theatre styles, acting technique, improvisation, stage craft and dramatic elements. The unit will build student's confidence to perform to an audience and to develop their understanding of dramatic meaning. They will choose to perform either a solo or an ensemble performance. They will research a famous actor of our time. Students will also have the opportunity to see a professional theatre performance.

School Assessed Coursework

- Drama Practices
- Live performance
- Research Assignment

FOOTY CODES

This unit has been designed for lovers of all things football. Throughout this unit students will develop their understanding of strategies, training, game play, game day preparation, coaching and umpiring. During the theoretical component students will review the rules and tactics associated with the various football codes.

- Australian Rules Football
- Rugby
- Soccer
- Gaelic
- Gridiron
- Tag Football
- Touch Rugby

School Assessed Coursework

- Skill Development
- Musculoskeletal Assignment
- Sport Coaching Assignment

GOOD SPORTS

This exciting unit has been designed for students with a competitive edge. Throughout the unit students will be exposed to the tactics, game play, scoring, umpiring and coaching skills required in a range of sporting situations. The objective for this unit is to develop the skills, leadership and sportsmanship required to represent the school during interschool sports. Students that select this unit will be expected to try out for a number of school sporting teams.

- Netball
- Volleyball
- Basketball
- Soccer
- Tennis
- Football
- Minor Games

School Assessed Coursework

- Skill Development
- Musculoskeletal Test
- Sport Coaching Assignment

ADVANCED FOOD TECHNOLOGY

Prerequisite – Successful completion of Year 8 Food Technology.

Year 8 Advanced Food Technology adopts a closely related theoretical and practical approach to learning. Students who select Year 8 Advanced Food Technology should display a genuine interest in this area and a willingness to improve their skill level in order to attempt more creative and complex food products. The ability to work in a focused, independent manner is required. Students will enhance their knowledge of the principles of nutrition with a focus on Australian food models, while using problem solving skills and planning strategies for creating healthy meal solutions. Students will explore the history and development of food patterns in Australia and will consider the positive influence that migration has had on our changing food habits. During weekly production sessions, students will produce a range of food items. They will have the opportunity to further develop and refine their food preparation, cooking and presentation skills.

Students will use the design process to investigate, generate, plan and manage, produce and evaluate a range of designed solutions in response to specific design brief scenarios. These can vary in complexity depending on the student's ability.

School Assessed Coursework

- Investigation
- Food Preparation Skills
- Food Portfolio
- Design Brief/s

ADVANCED MATERIALS TECHNOLOGY

In this unit, students will build on the skills developed during the core unit of Design, Creativity and Materials Technology. They will be required to increase their level of competence of design and manufacturing skills and improve their understanding of materials and their uses at a basic level. Students will also be instructed in the use of simple computer design software in order to enhance their design skills. During the course of the unit, they will be instructed in the safe use of the tools, equipment and machines required to complete production models. On completion of the production tasks, students will be required to evaluate the processes, tools and equipment used for production. They will also analyse design features and suggest improvements and recommendations for their own product, as well as others.

School Assessed Coursework

- Investigation
- Production Skills
- Design Folio / Briefs

MATERIALS TECHNOLOGY FOR GIRLS

This unit will be based on projects and production tasks which will be of interest to girls, with a focus on craft related skills and projects, including jewellery making, leathercraft, metalwork and woodwork. They will implement a variety of skills relating to the design and investigation of products which will then be produced in later stages of the unit. During the semester, students will work with a range of materials such as wood, metal and plastics. They will be instructed in the safe use of the tools, equipment and machines required to complete individual production models. On completion of the production tasks, students will be required to evaluate the design features, processes, tools and equipment used. They will make recommendations for future product modifications and improvement.

School Assessed Coursework

- Investigation
- Production Skills
- Design Folio / Briefs

UNIT COSTS

Year 8

Subject	Unit Charges	Additional Costs
English	\$20	
English as an Additional Language	\$20	
Mathematics	\$30	
Enhanced Numeracy	\$10	
Enhanced Literacy	\$15	+ \$10 Literacy Incursion
Science	\$30	
Humanities	\$10	+\$25 Medieval Day Incursion +\$25 Geography Field Trip
Italian	\$20	
Japanese	\$20	
Physical Education & Health	-	\$20 Excursion Fee + \$15 Health Booklet
Art	\$50	
Classroom Music	\$30	+ \$225 Yearly Instrumental Music Lessons
Drama	\$30	
Dance	\$30	
Visual Communication Design	\$40	
Food Technology	\$60	
Materials Technology	\$30	
Systems Technology	\$30	
Textile Technology	\$50	+ \$5 Technology Booklet
Money For Life	\$20	
3D Art	\$50	
Performance Studies	\$30	
Junior Band	\$30	+ \$225 Yearly Instrumental Music Lessons
Footy Codes	\$20	
Good Sports	\$20	
Advanced Food Technology	\$60	
Advanced Materials Technology	\$30	
Materials Technology for Girls	\$30	