



Rosehill  
Secondary College

# NINE

2024

COURSE SELECTION HANDBOOK





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# CURRICULUM STRUCTURE

## Overview Years 7-9

### Year 7 Units of Study

#### Core

English  
Mathematics  
Science  
Literacy / Numeracy

#### Semester Core Units

Humanities  
Languages  
- Italian  
- Japanese  
Physical Education and Health  
The Arts  
- Art  
- Visual Communication Design  
- Classroom Music  
- Drama  
- Dance  
Technology  
- Food Technology  
- Materials Technology  
- Systems Technology  
- Fashion and Design Technology

#### Semester Elective Units

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

### Year 8 Units of Study

#### Core

English  
Mathematics  
Science  
Literacy / Numeracy

#### Semester Core Units

Humanities  
Languages  
- Italian  
- Japanese  
Physical Education and Health  
The Arts  
- Art  
- Visual Communication Design  
- Classroom Music  
- Drama  
- Dance  
Technology  
- Food Technology  
- Materials Technology  
- Systems Technology  
- Fashion and Design Technology

#### Semester Elective Units

Money and the Law  
3D Art  
Performance Studies  
Junior Band  
Footy Codes  
Good Sports  
Advanced Food Technology  
Advanced Materials Technology

### Year 9 Units of Study

#### Core

English  
Mathematics  
Science  
Interdisciplinary Studies

#### Semester Core Units

Humanities  
Languages  
- Italian  
- Japanese  
Physical Education and Health  
The Arts  
- Art  
- Visual Communication Design  
- Classroom Music  
- Drama  
- Dance  
- Media Studies 1  
Technology  
- Food Technology  
- Materials Technology  
- Systems Technology  
- Fashion and Design Technology  
- Computer Applications

#### Semester Elective Units

Business, Economics and Legal Studies  
3D Art  
Performance Studies  
Band Class  
Media Studies 2  
Boot Camp  
Thrills and Spills  
Advanced Food Technology  
Advanced Materials Technology  
Advanced Systems Technology  
Computer Programming  
Web Design and Interactive  
Multimedia

#### Number of Periods

All units of study run for 3 periods per week, with the exception of Literacy, Numeracy and Interdisciplinary Studies which run for 2 periods per week.

# ENRICHMENT

At Rosehill Secondary College, we offer a range of opportunities for enrichment where we deliver differentiated curriculum for rapid learners.

## STEP (Selective Talent Enrichment Program)

STEP is designed for intellectually and academically capable students. This program runs from Years 7 to 9 where students study the core subjects together and embrace the social nature of learning. To balance the strong academic focus of STEP, our students are provided with opportunities to engage in a number of workshops each year which aim to develop skills in resilience, collaboration and leadership. Students apply and are selected for entry into STEP in Grade 6, however it is a flexible program and students may also apply for entry in Year 8 or Year 9.

Cost: \$150 levy fee to be paid at the beginning of each school year.

## RAMP (Rosehill Accelerated Mathematics Program) - Years 7-9

RAMP is an accelerated Mathematics program designed for high achieving students who wish to enhance their mathematical skills. Students extend their skills in problem solving, and logical and critical thinking by completing work which complements and extends the program followed in their Mathematics classes. Students are encouraged to express their interest in RAMP. Final selection for the program will be made by the Enrichment Program Leader based on a review of the student's academic progress through various sources of data. With a solid foundation in junior school Mathematics, students have the opportunity to explore accelerated pathways for future mathematical studies.

## REAP (Rosehill English Accelerated Program) - Years 7 & 8

REAP is an accelerated English program in which students are introduced to more advanced concepts in Literature, such as close passage analysis, creative interpretations and literary critical lenses. REAP encourages students to think deeply about the construction of language and provides opportunities for analytical argument and individual critical thinking tasks. Students are encouraged to express their interest in REAP. Final selection for the program will be made by the Enrichment Program Leader based on a review of the student's academic progress through various sources of data.

# SPECIAL REQUIREMENTS

## The Arts

### Classroom 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 entire year.

### Dance, Drama, Performance Studies and Band

Students may be required to attend afternoon and school holiday rehearsals in preparation for school musicals.

### Visual Communication Design

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

## Languages

The languages offered at Rosehill Secondary College are Italian and Japanese. Students study a language unit each year from Year 7 to Year 10.

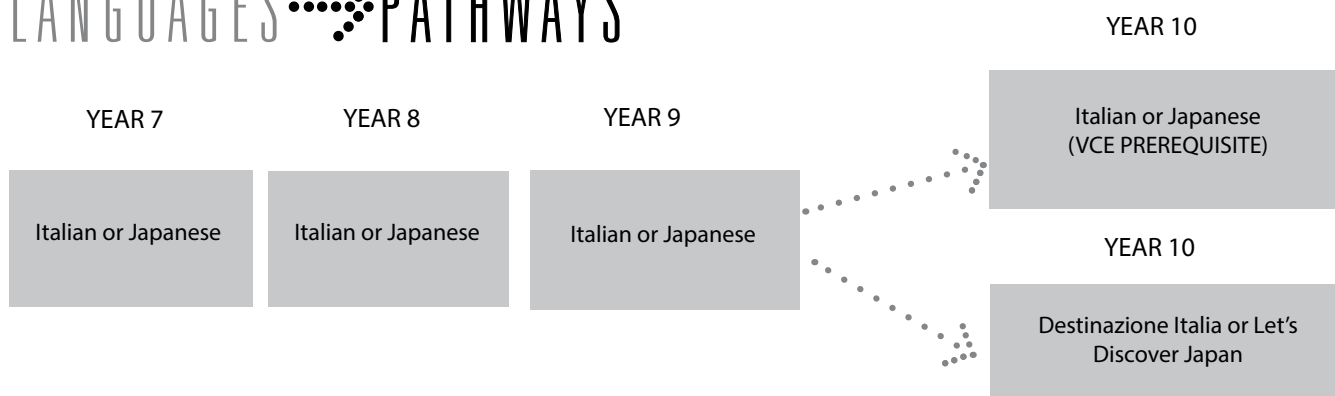
Students are required to study languages in a sequence from Year 7 to Year 10, so may not change their chosen language after Year 7, unless they are approved as having the required language skills by an appropriate language teacher.

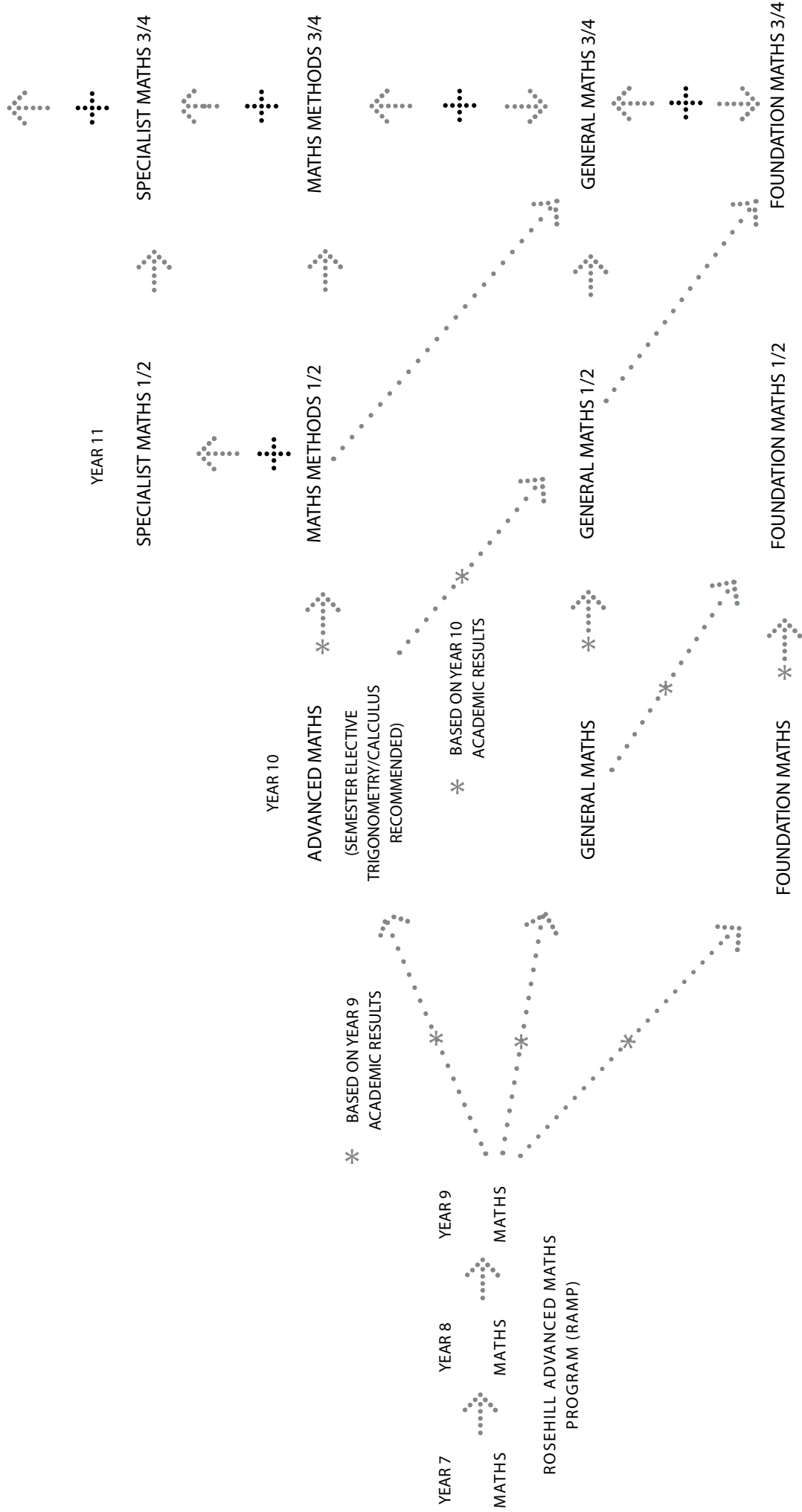
Students who wish to study a VCE Language at Year 11 and 12 must complete two units of Language in Year 10. Students who do not wish to continue on to VCE Language may select either one or two units of Language at Year 10.

### Languages Overview Year 7 - 10

Year 7	Year 8	Year 9	Year 10
7 Italian	8 Italian	9 Italian	10 Italian 1 + 10 Italian 2 (leads to VCE Italian) 10 Destinazione Italia (does not lead to VCE Italian)
7 Japanese	8 Japanese	9 Japanese	10 Japanese 1 + 10 Japanese 2 (leads to VCE Japanese) 10 Let's Discover Japan (does not lead to VCE Japanese)

## LANGUAGES PATHWAYS





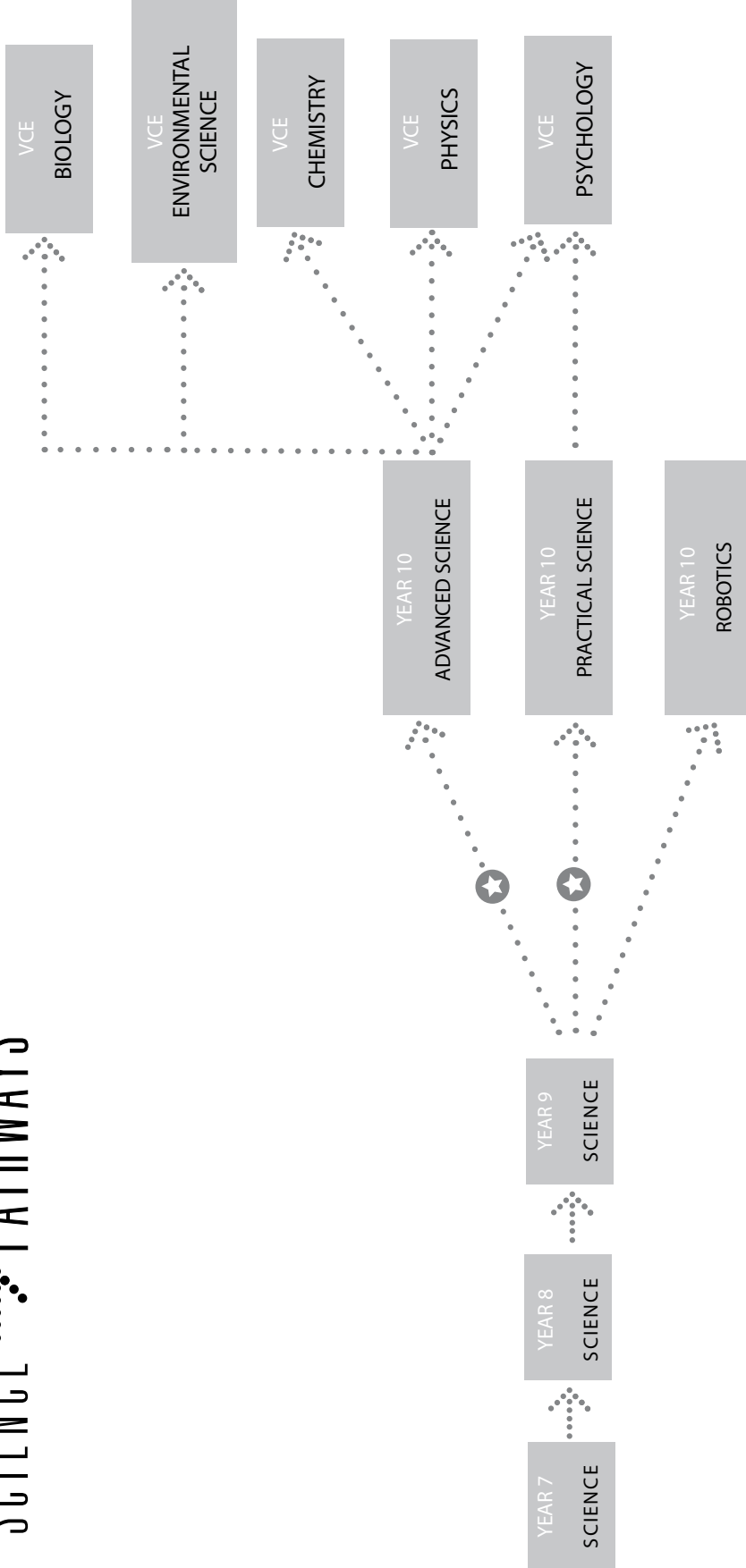
\* YEAR 9 ACADEMIC RESULTS IN TESTS, EXAMS AND NAPLAN WILL BE USED TO DETERMINE ENTRY INTO YEAR 10 MATHEMATICS CLASSES.

\* YEAR 10 ACADEMIC RESULTS IN TESTS, EXAMS AND APPLICATION TASKS 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



★ Year 9 academic results in assignments, practical investigations, tests and exams will be used to determine which stream of science you can complete at Year 10.

Note: You need to be recommended by your Science teacher to study VCE Biology in Year 10.



# TECHNOLOGY OVERVIEW YEAR 7-9

## Technology Core Units

## Technology Elective Units

Year Level

Students must select one unit each year.

Students may select one elective unit in addition to a core unit. Elective units marked with an asterisk\* may only be selected if the pre-requisite core unit is completed.

### Students choose 1 from:

7

- Food Technology
- Materials Technology
- Systems Technology
- Fashion and Design Technology

Not applicable

### Students choose 1 from:

8

- Food Technology
- Materials Technology
- Systems Technology
- Fashion and Design Technology

- Advanced Food Technology\*
- Advanced Materials Technology\*

### Students choose 1 from:

9

- Food Technology
- Materials Technology
- Systems Technology
- Fashion and Design Technology
- Computer Applications

- Advanced Food Technology\*
- Advanced Materials Technology\*
- Advanced Systems Technology\*
- Computer Programming
- Web Design and Interactive Multimedia

# UNIT DESCRIPTIONS

## ENGLISH 1 & 2

In Year 9 English, students learn to analyse the ways that texts can be manipulated for a particular effect by investigating a range of issues and persuasive texts. They practise analysing and responding to a range of fiction and non-fiction texts, selecting appropriate evidence to explain how language choices and conventions are used to influence an audience. Through the creation of various creative, analytical, persuasive and personal writing pieces, students demonstrate how manipulating language, editing for effect and selecting appropriate vocabulary can create innovative writing. Students are required to make presentations and contribute to class and group discussions, comparing and evaluating responses to ideas and issues. Students are assessed on the Victorian Standards: Reading and Viewing, Writing, Speaking and Listening.

### School Assessed Coursework

- Text Response
- Writing and Language Development
- Oral Communication
- Exam

## 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 Level C1 before moving to Level C2, C3 and C4. 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

- Text Response
- Writing and Language Development
- Oral Communication

## MATHEMATICS 1

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

**Measurement and Geometry** – Students explore composite area, total surface area and volume.

**Algebra** – Students use methods of algebraic manipulation to expand, rearrange and simplify expressions.

**Number** – Students use scientific notation and the first six index laws.

**Statistics** – Students collect, describe, analyse and display comparative data.

School Assessed Coursework

- Topic Tests
- Application Tasks
- Exam

## MATHEMATICS 2

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

**Pythagoras' Theorem and Trigonometry** – Students solve simple right-hand triangle problems using Pythagoras' theorem and trigonometric ratios.

**Probability** – Students investigate two-step experiments.

**Financial Mathematics** – Students apply their understanding of percentages in a financial context.

**Algebra** – Students graph and interpret linear graphs.

School Assessed Coursework

- Topic Tests
- Application Tasks
- Exam

## INTERDISCIPLINARY STUDIES

The focus of the Year 9 Interdisciplinary Unit is to develop teamwork, communication and leadership skills. The aim is to develop responsibility, respect and awareness of individuals and the community both within and outside the school setting. This is achieved through encouraging and providing opportunities for students to work together via a range of group activities.

In Semester One, the My Community Unit sees students learning about charity, poverty and disability. Students organise the 'Rosefest' fundraiser to raise money for a number of charities. Following this, in the My Future Unit students complete the Morrisby Survey to gain an understanding of their strengths and interests. The unit then provides students with an understanding of the work force, and supports them as they develop a resume, cover letter and prepare for their future pathways.

School Assessed Coursework

- My Community Workbook
- My Future Tasks

In Semester Two, the focus is on My Wellbeing and My Melbourne. As part of the My Wellbeing Unit, students will be focusing on mental health, wellbeing and respectful relationships. Students will be learning about emotional literacy, positive coping, problem solving, stress management and help-seeking. Students also take part in activities on bullying, where they learn how to prevent and manage bullying situations, including supporting their peers, and developing their emotional and social intelligence. Following this, there are three phases in the My Melbourne Unit. The pre-city phase prepares students for various aspects of their city experience, including public transport use and safety. The second phase is City Experience Week where students take part in excursions in the Melbourne CBD. The final Post-City phase requires students to reflect on their learnings, and draw conclusions.

School Assessed Coursework

- My Wellbeing Workbook
- My Melbourne Tasks

## SCIENCE

In Year 9 Science, students will study three to four topics per semester across four different disciplines of Science. These disciplines include Biological sciences, Chemical sciences, Earth and Space sciences and Physical sciences.

### First Semester

**Atomic Structure** – Students will learn that all matter is made of atoms, which are composed of protons, neutrons and electrons. They will also learn that some atoms can become unstable and can decay, releasing radiation. Students will study how the chemical and physical properties of an element are determined by its atomic structure and that the periodic table organises these elements into families that display similar properties.

**Ecosystems** – Students will understand that ecosystems consist of interdependent populations of organisms and their abiotic environments. Students will also learn that matter cycles and energy flows through ecosystems between living systems and the physical environment.

**Systems Coordination** – Students study how regulation and coordination takes place in animals. This will involve a detailed study of the Nervous and Endocrine systems.

**Energy Transformation** – Students explore the Law of Conservation of Energy and show that energy may be transferred or transformed but remains constant in a closed system. Students will also calculate the kinetic and gravitational potential energy of objects and efficiency of energy transformations.

### Second Semester

**Conservation of Matter** – Students will learn that chemical reactions involve the rearrangement of atoms to form new substances without the loss of any matter.

**Dynamic Earth** – Students will study how the earth is a dynamic system that is constantly changing due to geological processes that have occurred over billions of years. They are introduced to the theory of plate tectonics, which explains global patterns of geological activity and continental movement.

**Climate Change** – Students investigate the biogeochemical cycles, which govern the Earth's climate. They develop an understanding of the evidence and observations of human activity driving global climate changes.

### School Assessed Coursework

- Assignments
- Unit Tests
- Practical Work
- Exam

## HUMANITIES

This unit includes the study of both Geography and History.

In Geography students will investigate and study Food Security. Students will learn about the challenges in feeding the current and projected populations of Australia and the world, and responses to these challenges. Students will have the capacity to be informed, responsible and active citizens who can contribute to the development of a world that is environmentally and economically sustainable, and socially just. Students will continue to develop their ability to analyse and evaluate geographical data, maps and information using digital and spatial technologies and Geographical Information Systems as appropriate.

In History students will continue to develop their historical knowledge and skills through key inquiry questions and the examination and analysis of historical sources. Students will study the making of the modern world. They examine the impacts of the Industrial Revolution on people and the environment and investigate the movement of people. Students study the colonisation of Australia and key events and ideas leading to Federation, before examining World War I. Students will analyse the long-term causes, short-term triggers and the intended and unintended effects of significant events and developments. They will also analyse the different perspectives of people in the past and evaluate how these perspectives are influenced by significant events, ideas, location, beliefs and values.

### School Assessed Coursework

- Source Analysis
- World War I Creative Writing Task
- Annotated Visual Display

## ITALIAN

This unit is a continuation of Year 8 Italian. All Year 9 students studying Italian are required to select this unit. The course will include many new and more complex grammatical structures, extended vocabulary and use of the language in everyday contexts. This unit will incorporate the four areas of speaking, listening, reading and writing. Students will be required to use more of the target language in class. Through listening, reading and writing tasks, students will enhance their cultural and social understanding. Themes covered will include Leisure time, Education in Italy and Australia, Shopping and Italian food. This unit will also involve the study of Italian and world culture such as the Euro and world currencies, Famous cities, The Italian school system and Food culture around the world.

### School Assessed Coursework

- Listening and Reading Comprehension Tests
- Speaking Tasks
- Writing Folio

## JAPANESE

This unit is a continuation of Year 8 Japanese. All Year 9 students studying Japanese must complete this unit. This unit will incorporate the four areas of speaking, listening, reading and writing. Students will be expected to participate in speaking activities, role-plays, dialogue readings and written activities. Students study topics such as hobbies, describing physical appearance and festivals in Japan. Through reading and writing tasks, students' cultural and social understanding of Japan will be expanded. By the end of this unit, students will be able to participate in short conversations and read short passages in order to identify main themes. Students will also be able to use models to create simple sentences and use newly acquired language to create games and activities. Katakana characters and more kanji scripts will be introduced.

### School Assessed Coursework

- Listening and Reading Comprehension Tests
- Speaking Tasks
- Writing Tasks

## ART

Students will learn about a selection of art-making forms such as drawing with dry pastel, using mixed media, collage, digital photography and acrylic painting. They will investigate the work of artists from different eras and places and will continue to use their folio to document their research and development of skills. Students learn to analyse and interpret the messages that are communicated within artworks, using art language to describe cultural and historical contexts. A variety of topics are created each year that complement the dynamic nature of this subject.

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

### School Assessed Coursework

- Art Folio
- Art Literacy
- Final Presentations

## VISUAL COMMUNICATION DESIGN

Students develop their drawing and rendering skills, learning how to depict different materials and draw from observation. They learn how to produce a range of technical drawings associated with Industrial (product) design. Students continue to develop their understanding of the elements and principles, using this knowledge to discuss and analyse designs. They work through a thorough process, developing and refining ideas to produce an industrial (product) design focusing on target audience and purpose. All work is documented in their design folio.

Some work in this subject is undertaken on student laptops using Adobe Illustrator or Adobe Photoshop (supplied by the school), so a laptop and printing credit are essential requirements.

### School Assessed Coursework

- Design Folio
- Design Literacy
- Final Presentations

## CLASSROOM MUSIC

The main focus of this unit is song-writing as students are taught the essentials to writing a song and then given ample opportunities to create their masterpiece. Students look at the history of Blues music and how it has influenced today's music. Theory focuses on chord progressions, scales and rhythms to assist in this song writing process. Students will also spend class time preparing for a performance.

Due to the practical application involved in this unit, it is a requirement for all students in this subject to be enrolled in instrumental lessons.

#### **School Assessed Coursework**

- Group Performance
- Solo Performance
- Composition
- Tests

## DRAMA

The unit will concentrate on performance and analysis of performance. It aims to engage students in active learning and build a student's confidence. Students will study improvisation, acting technique, different performance styles, scripted drama, script writing, individual and group performance. They will be introduced to Elizabethan Theatre, and contemporary monologues and apply the stagecraft and dramatic elements to performance work. They will perform their work to an audience and practice acting for camera. There will also be a research assignment. Students will have the opportunity to see a professional theatre performance.

#### **School Assessed Coursework**

- Research Assignment – Careers in Performing Arts
- Group Performance
- Audition Monologue

## DANCE

In Year 9 Dance, students will participate in several practical classes that cater to developing technical and performance skills through the learning of a whole class dance routine. Students will apply dance making or choreographic processes in a group work assessment task and refine their performance and rehearsal skills through the performance of their work. Students will discuss and analyse the use of physical skills, movement categories and dance elements both in their own and others' work. They will also undertake a research assessment on Careers in Dance.

#### **School Assessed Coursework**

- Journal
- Learnt Work Performance
- Group Work Performance
- Research Project

## MEDIA STUDIES 1: INTRODUCTION TO MEDIA

This subject aims to assist students to develop skills in and an understanding of the techniques, processes, equipment and technologies that are used in the creation of a range of media products. Students will be able to apply their knowledge and skills to develop and communicate by creating their own media products. Production tasks will include the creation of digital stories, video production and photography activities. Students will also explore the cultural and historical influences on a range of contemporary and traditional media texts, and discuss characteristics common to media texts from the past and present, and from different times and places.

#### **School Assessed Coursework**

- Photographic Production
- Media Analysis Task
- Film Production

## PHYSICAL EDUCATION AND HEALTH

This unit encourages students to analyse team tactics, skills and movement patterns in a range of non-traditional sports. Students will also participate in a variety of sports modified for people with disabilities. This unit aims to develop the students' empathy and appreciation of diversity.

Students will have an opportunity to participate in:

- Badminton
- European Handball
- Softball
- AFL 9's
- Fitness and Weight Training
- Sports modified for people with disabilities

The health component will examine topics such as drug education, party safe, mental health and risk taking behaviour.

#### **School Assessed Coursework**

- Skill Development
- Health Assignment
- Harm Minimisation Test

## FOOD TECHNOLOGY

Year 9 Food Technology adopts a closely related theoretical and practical approach to learning. In this unit, students will familiarise themselves with the basic skills required to work safely and hygienically in the Food Technology kitchen. They will develop their knowledge, understanding and application of sensory analysis, food safety, food terminology, food labelling and cooking methods. Students will investigate the key foods that are represented by the food groupings of the Australian Guide to Healthy Eating. Students will analyse social, ethical and sustainability factors that impact on making informed food choices. 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

- Test: Basic Skills
- Test: Food Poisoning/Food Labelling
- Investigation: Key Foods/Sustainability
- Design Brief: Investigating, Generating, Planning and Managing
- Design Brief: Production and Evaluation Test

## MATERIALS TECHNOLOGY

In this unit, 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

- Safety Test
- Designers, Manufacturing and Sustainability Assignment
- Design Folio
- Practical Project

## SYSTEMS TECHNOLOGY

In this unit, students will develop an understanding of 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 manual skills and will be encouraged to work with a variety of materials as well as a range of tools and equipment. Students will be introduced to the systems engineering methodology which will underpin all project activities.

### School Assessed Coursework

- Safety Test
- Technology Assignment
- Systems Methodology Project
- Electronics & Technology Test

## COMPUTER APPLICATIONS

In this unit students will build upon and extend their skills in the use of Information and Communication Technologies. Students will use a variety of information technology tools and techniques to assist with visualising their thinking, communicating, planning and creating information products and solving information problems. Students will develop a digital portfolio of work that will include products, such as spreadsheets, databases, programs, slide shows, websites, visual stories, brochures, reports, graphics and animations. The importance of Cyber Security will be examined along with techniques used to enhance our cyber security. Students will also learn to enhance their skills when conducting research using the Internet and will use Internet based communication tools to share their ideas and understandings of information technology.

### School Assessed Coursework

- Folio of Production Tasks
- Multimedia Assignment
- Cyber Security Investigation Assignment

## FASHION AND DESIGN TECHNOLOGY

Through inquiry and investigation, students will extend their knowledge and understanding of textile materials, processes and terminology. Students will investigate fabric manipulation and shaping techniques. They will select and use a range of fastenings. They will investigate a more complex range of dress making techniques. Students will examine commercial patterns and create their own accurate patterns, making links to modern production techniques. Practical skills will be enhanced through a range of focused practical tasks. Students will revisit the design process and complete a major design brief where they will investigate, generate, plan and manage, produce and evaluate a textile item/garment. This task can vary in complexity depending on the student's ability.

### School Assessed Coursework

- Developmental Folio
- Production Planning
- Production Test
- Finished Product and Evaluation



# ELECTIVE UNITS

## BUSINESS, ECONOMICS AND LEGAL STUDIES

In Year 9 Business, Economics and Legal Studies, students describe the characteristics of successful businesses and discuss the ways that a competitive advantage may be achieved in the market. Students are introduced to economic systems in order to understand how people produce goods and provide services for others to consume. In particular, students consider Australia's place within Asia and the rise of China as Australia's largest trading partner, as well as our place within the global economy. With this broad understanding of how our economic system works, students consider strategies to increase financial rewards as well as how to safeguard against financial risk. Students then consider factors influencing our political system, what it means to live in a democracy and how citizens participate in our democracy.

### School Assessed Coursework

- Business Assignment
- Legal Report
- Unit Test - Economics

## 3D ART

Students may work with a selection of 3D art-making forms such as found objects and wire, as well as working with assemblage and installation art. They will investigate the work of artists from different eras and places and will continue to use their folio to document their research and development of skills. Students learn to analyse and interpret the messages that are communicated within artworks, using art language to describe cultural and historical contexts. A variety of topics are created each year that complement the dynamic nature of this subject.

This subject can be selected in addition to, or instead of, Year 9 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 students' 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 for which the students research a famous Australian Theatre.

### School Assessed Coursework

- Meaner Musicals
- Ensemble Tribute
- Australian Theatres Research Assignment

## BAND CLASS

The main goal of this elective is performance in a range of styles. Students will be required to participate in a minimum of two performances a semester. They will rehearse during specified periods and opportunity will be given for section rehearsals or small ensemble rehearsal during that time. This unit is ideal for any student wishing to extend their performance skills. No prior theory knowledge is needed to be in this subject.

A prerequisite of this unit is that students must have knowledge on an instrument.

### School Assessed Coursework

- Group Performance
- Solo Performance
- Investigation
- Technical Work

## MEDIA STUDIES 2: THE DIGITAL WORLD

This subject aims to assist students to develop skills through the application of appropriate production techniques to communicate intended ideas when planning and developing digital media products. Students will experiment with and explore how digital photographic software can be used to adjust, alter and enhance images. Students will also study a series of films and then apply their knowledge of film production to create their own short films. Students will also examine the role and impact of the media within our society through the analysis of issues such as the media's portrayal of gender, and the relationship between the development of new digital and social media and traditional forms of media such as photography and film.

### School Assessed Coursework

- Media Production (Final Products)
- Media Analysis Tasks
- Media Production Planning Documents

## BOOT CAMP

This unit provides an opportunity for students to develop their personal fitness level and physique. Muscular strength, speed, power and agility are just some of the fitness components that will be examined. Students will have the opportunity to design and implement their own training program with the aim of improving their physical fitness and sporting performance.

In addition, students will have the opportunity to experience a range of fitness classes within the local community. Activities and topics undertaken throughout the unit include:

- Training Methods
- Weight training
- Training Principles
- Circuit training
- Core strength training
- Plyometric training
- Designing a training program
- Boxercise
- Muscular and Skeletal System
- Energy Systems
- Fitness Components

### School Assessed Coursework

- Body Systems Test
- Student Designed Training Program
- Strength and Fitness Development

## THRILLS AND SPILLS

This exciting unit gives students the chance to involve themselves in a range of activities that take them 'out of their comfort zone'. The activities in this unit have been selected to raise the heart rate, increase personal confidence and pump up the adrenalin.

The unit aims to expose students to a variety of exciting and challenging recreational activities and will include a related theory component.

Students will have an opportunity to participate in:

- Roller Blading
- Minor Games
- Darts
- First Aid
- Golf
- Gym
- Roller Hockey
- Trampolining
- Ten Pin Bowling
- Ultimate Frisbee
- Laser Tag
- Taekwondo

### School Assessed Coursework

- Skill Development
- Sport Education Assessment
- Body Systems Test

## ADVANCED FOOD TECHNOLOGY

Prerequisite – Successful completion of Year 9 Food Technology.

Year 9 Advanced Food Technology adopts a closely related theoretical and practical approach to learning. Students who select Year 9 Advanced Food Technology should display a genuine interest in this area and a willingness to refine their skill level in order to produce more complex food products. The ability to work in a focused, independent manner is required.

Students will be expected to develop their understanding and application of nutrition principles and extend and refine their knowledge and implementation of food preparation skills, cooking methods, plate presentation and food styling techniques. Students will enhance their knowledge of Australian food selection models, with a focus on designing and producing nutritious breakfast, lunch and dinner meals. Students will also develop their understanding of food habits and patterns from a range of countries from around the world.

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 more complex designed solutions in response to specific design brief scenarios. These can vary in difficulty depending on the student's ability.

### School Assessed Coursework

- Test: Advanced Skills and Nutrition
- Investigation: Taste the World
- Design Brief: Investigating, Generating, Planning and Managing
- Design Brief: Production and Evaluation Test

## ADVANCED MATERIALS TECHNOLOGY

Prerequisite – Successful completion of Year 9 Materials Technology.

In this unit, students will build on the skills developed during the core unit of 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

- Test – Work Health Safety Test
- Investigation
- Production skills
- Design Folio

## ADVANCED SYSTEMS TECHNOLOGY

Prerequisite – Successful completion of Year 9 Systems Technology.

Students will develop a more detailed understanding of electrical and mechanical processes and theory. Students will use the design process and a problem solving approach to develop solutions to design briefs. They will refine their skills in investigating, designing, producing and evaluating electrical and mechanical products. Students will be encouraged to work with a variety of materials and techniques as well as a range of tools and equipment.

### School Assessed Coursework

- Investigation
- Production Skills
- Workbook

## COMPUTER PROGRAMMING

Computer Programming is aimed at providing students with skills in the design, development and testing of computer programs created to meet a specific need or requirement. The languages studied will include Visual Basic. Investigation of these languages will serve to provide students with a basic understanding of how to plan and write a computer program. Key features of each programming language will be examined including variables, procedures, constants, and user input. Techniques used to enhance Cyber Security will be examined along with the general importance of Cyber Security in our daily lives. Students will create programs that include games, apps and user interfaces. Assessment is via a major programming project undertaken by development steps in programming skills.

### **School Assessed Coursework**

- Folio of Tasks (Visual Basic)
- Major Assignment (Programming/ Cyber Security)
- Application Assignment

## WEB DESIGN AND INTERACTIVE MULTIMEDIA

This subject aims to provide students with a broad overview about the development and applications of interactive Internet and multimedia products. Students will develop a range of skills in the use of software, designed to develop multimodal online solutions that integrate the use of text, images, sound, animation and video.

### **School Assessed Coursework**

- Folio of Production Tasks
- Research Task
- Major Project

# UNIT COSTS

## Year 9

Subject	Unit Charges	Additional Costs
English	\$30	
English as an Additional Language	\$30	
Mathematics	\$30	
Interdisciplinary Studies	\$40	+ \$90 City Experience Week Excursion Fee
Science	\$50	
Humanities	\$30	
Italian	\$20	
Japanese	\$20	
Art	\$50	
Visual Communication Design	\$50	
Classroom Music	\$30	+\$250 Yearly Instrumental Music Lessons *
Drama	\$50	
Media Studies 1: Introduction to Media	\$50	
Media Studies 2: The Digital World	\$50	
Physical Education & Health	\$25	
Food Technology	\$70	
Material Technology	\$70	
Systems Technology	\$70	
Computer Applications	\$20	
Fashion and Design Technology	\$70	
Business, Economics and Legal Studies	\$30	
3D Art	\$50	
Dance	\$50	
Performance Studies	\$50	
Band Class	\$30	+\$250 Yearly Instrumental Music Lessons*
Boot Camp	\$20	+ \$180 excursion fees
Thrills & Spills	\$20	+ \$180 excursion fees
Advanced Food Technology	\$70	
Advanced Materials Technology	\$70	
Advanced Systems Technology	\$70	
Web Design and Interactive Multimedia	\$20	
Computer Programming	\$20	

\*Note - students completing Instrumental Music lessons who are in Band Class pay one annual \$250 fee.