

CRONULLA HIGH SCHOOL



SUBJECT SELECTION BOOKLET

Students in Year 8 – 2018

going into Year 9 – 2019

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INTRODUCTION

The purpose of this booklet is to help you choose your elective subjects for Years 9 and 10. It provides guidelines for subject selection as well as a brief description of each subject to be offered for selection at this school. The information in this document is current at the time of publication. Changes to course descriptions and the record of school achievement credentialing together with detailed course syllabus descriptions and syllabi are available NSW Education Standards authority (NESA) website.

<http://educationstandards.nsw.edu.au>

At this stage of the selection process, the advertised courses in this booklet are offered to gauge the level of student interest. Classes will not necessarily be formed for each course offered. A course will only run if there is sufficient student demand. For this reason students are asked to select two reserve choices. Where there are more students wishing to take a subject than there are places available, priority will be given to students who were present or represented by parents at the subject selection information evening and to those whose forms are submitted by the deadline date.

Please note all elective courses will be delivered as 200-hour courses and studied across Year 9-10.

When choosing your courses you should rely on what you know about yourself and your own learning potential. You should also consider the following.

- The subjects that especially interest you.
- The subjects you think you can perform well in.
- The subjects that will help you with your career goals.

If you need further help you should consult your Year Adviser, the Careers Adviser and also your Teachers. There is no substitute for talking to your teachers about the subjects that you are planning to do. Another good idea is to talk to students who are currently doing the subject in which you are interested.

Remember that there are no “easy subjects” and there is no easy way to gain marks. Sustained and diligent effort is the key to learning success.

Mrs Janice Neilsen
Deputy Principal

Ms Parris Tsiorvas
Year 8 Adviser, 2018

A MESSAGE FROM THE PRINCIPAL

As you come to the end of Year 8, you are completing two years of wide learning experience. You have undertaken junior courses in every key learning area and you are now ready to choose elective subjects for Year 9. These choices are important; you will study these subjects for two years and you will be awarded a Stage 5 Record of School Achievement credential in each of them if you satisfactorily meet the course requirements. These subjects may also point the way to your subject selections for the Preliminary and Higher School Certificate courses in Years 11 and 12. **Think carefully and choose wisely.**

Mr Tony Ibrahim
Principal

MANDATORY SUBJECTS

This section explains what students should expect to encounter in subjects that **MUST** be undertaken by all students in Year 9 and Year 10.

ENGLISH

The mandatory curriculum requirements for eligibility for the award of the Record of School Achievement (RoSA) include that students:

- study the Board developed English syllabus substantially in each of Years 9–10, and
- complete at least 400 hours of English study by the end of Year 10.

Course Description

The study of English in Years 9–10 aims to develop student knowledge, understanding, appreciation and enjoyment of the English language and to develop their skills as effective communicators.

Students develop their control of language by reading and viewing a range of texts and by writing imaginative, interpretive and critical texts with clarity and accuracy for a range of purposes and audiences. Students engage with and explore literature of past and contemporary societies, as well as a range of spoken, visual, media and multimedia texts.

What will students learn?

Students learn to develop clear and precise skills in writing, reading, listening, speaking, viewing and representing. For example, in developing writing skills, students learn about sentence structure, grammar, punctuation, vocabulary and spelling. Students study a range of texts including fiction, nonfiction, poetry, film, media, multimedia and digital texts. The texts give students an experience of Australian literature and insights into Aboriginal experiences and multicultural experiences, and experiences of literature from other countries and times, including texts that provide insights about the peoples and cultures of Asia.

Students also study texts that give experiences of cultural heritage, popular youth culture, picture books, everyday and workplace texts with a range of social, gender and cultural perspectives. Students experience Shakespearean drama in Stage 5 (Years 9 and 10). Students develop their skills, knowledge and understanding so that they can use language and communicate appropriately, effectively and accurately for a range of purposes and audiences, in a range of contexts. They learn to think in ways that are imaginative, interpretive and critical. They express themselves and their relationships with others and the world, and reflect on their learning in English.

Particular Course Requirements

The study of English in Years 9–10 involves the following text requirements:

- Fiction – at least two works
- Poetry – a variety drawn from different anthologies and/or study of one or two poets
- Film – at least two works
- Nonfiction – at least two works
- Drama – at least two works

In Stage 5, the selection of texts must give students experience of Shakespearean drama.

Record of School Achievement

Students who have met the mandatory study requirements for English during Years 9–10 will receive a grade for English for the Record of School Achievement (RoSA). Further information about the Record of School Achievement (RoSA) can be found on the [RoSA website](#).

MATHEMATICS

The mandatory curriculum requirements for eligibility for the award of the Record of School Achievement (RoSA) include that students:

- study the Board developed Mathematics syllabus substantially in each of Years 9–10, and
- complete at least 400 hours of Mathematics study by the end of Year 10.

Course Description

Mathematics is used to identify, describe and apply patterns and relationships. It provides a precise means of communication and is a powerful tool for solving problems both within and beyond mathematics. Mathematical ideas are constantly developing, and mathematics is integral to scientific and technological advances in many fields of endeavour. Digital technologies provide access to new tools for continuing mathematical exploration and invention. In addition to its practical applications, the study of mathematics is a valuable pursuit in its own right, providing opportunities for originality, challenge and leisure.

Mathematics in Years 9–10 focuses on developing increasingly sophisticated and refined mathematical understanding, fluency, communication, logical reasoning, analytical thought and problem-solving skills. These capabilities enable students to respond to familiar and unfamiliar situations by employing strategies to make informed decisions and solve problems relevant to their further education and everyday lives.

What will students learn?

Students develop understanding and fluency in mathematics through inquiry, exploring and connecting mathematical concepts, choosing and applying problem-solving skills and mathematical techniques, communication, and reasoning.

They study Number and Algebra, Measurement and Geometry, and Statistics and Probability. Within these strands they will cover a range of topic areas including: financial mathematics, algebraic techniques, equations, linear and non-linear relationships, surface area and volume, properties of geometrical figures, trigonometry, data collection and representation, data analysis, and probability.

Record of School Achievement

Students who have met the mandatory study requirements for Mathematics during Years 9–10 will receive a grade for Mathematics for the Record of School Achievement.

Further information about the Record of School Achievement (RoSA) can be found on the [RoSA website](#).

SCIENCE

The mandatory curriculum requirements for eligibility for the award of the Record of School Achievement (RoSA) include that students:

- study the Board developed Science syllabus substantially in each of Years 9–10, and
- complete at least 400 hours of Science study by the end of Year 10.

Course Description

Science develops students' skills, knowledge and understanding in explaining and making sense of the biological, physical and technological world. Through applying the processes of Working Scientifically students develop understanding of the importance of scientific evidence in enabling them as individuals and as part of the community to make informed, responsible decisions about the use and influence of science and technology on their lives.

What will students learn?

Through their study of Science, students develop knowledge of scientific concepts and ideas about the living and non-living world. They gain increased understanding about the unique nature and development of scientific knowledge, the use of science and its influence on society, and the relationship between science and technology.

Students actively engage individually and in teams in scientific inquiry. They use the processes of Working Scientifically to plan and conduct investigations. By identifying questions and making predictions based on scientific knowledge and drawing evidence-based conclusions from their investigations, students develop their understanding of scientific ideas and concepts, and their skills in critical thinking and problem-solving. They gain experience in making evidence-based decisions and in communicating their understanding and viewpoints.

Particular Course Requirements

At least 50% of the course time will be allocated to hands-on practical experiences. All students are required to undertake at least one research project during Stage 5. At least one project will involve 'hands-on' practical investigation. At least one Stage 5 project will be an individual task.

Record of School Achievement

Students who have met the mandatory study requirements for Science during Years 7–10 will receive a grade for Science for the Record of School Achievement.

Further information about the Record of School Achievement (RoSA) can be found on the [RoSA website](#).

GEOGRAPHY

The Geography (Mandatory) course requires students to complete 100 hours of Geography in Stage 5.

This is a requirement for eligibility for the award of the Record of School Achievement.

Civics and citizenship learning is an essential feature of the Years 9–10 Geography syllabus.

Course Description

Geography allows students to develop an understanding of and an interest in the interaction of the physical and human environments. Students will develop geographic knowledge, understanding, skills, values and attitudes in order to engage in the community as informed and active citizens.

The syllabus has two key dimensions that form the basis for the study of all content in Geography:

- the spatial dimension – where things are and why they are there
- the ecological dimension – how humans interact with environments.

What will students learn about?

Students of Geography engage in a study of places and the relationships between people and their environments. It emphasises the role, function and importance of the environment in supporting human life from local to global scales. Students study four broad topic areas. These are:

- sustainable biomes
- environmental change and management
- changing places
- human wellbeing

These topics are overlain by a seven point conceptual framework including place, space, environment, interconnection, scale, sustainability and change.

What will students learn to do?

Students learn to gather, process and communicate geographical information from a variety of primary and secondary sources. The study of Geography also provides opportunities for students to learn to use a wide range of geographical tools including information and communication technologies (ICT). Geographical tools, such as maps, graphs, statistics, photographs and fieldwork, assist students to gather, analyse and communicate geographical information in a range of formats.

Course Requirements

Fieldwork is an essential part of the study of Geography in Stage 5. In Stage 5, students are required to investigate a geographical issue through fieldwork by developing and implementing a research action plan.

Record of School Achievement

Satisfactory completion of the mandatory study of Geography during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

Further information about the Record of School Achievement (RoSA) can be found on the [RoSA website](#).

HISTORY

The mandatory curriculum requirements for eligibility for the award of the Record of School Achievement (RoSA) include that students:

- study the Board developed History syllabus substantially for each of Years 9–10, and
- complete 100 hours History in Stage 5.

Course Description

History develops in young people an interest in and enjoyment of exploring the past. A study of History provides opportunities for examining events, people and societies from ancient, medieval and modern times, including twentieth-century Australia. Opportunities to develop a deeper understanding of civics and citizenship are a feature throughout the Years 9–10 History syllabus.

What will students learn?

In Years 9–10, students learn of significant developments in the making of the modern world and Australia. Mandatory studies include Australians at War (World Wars I and II) and Rights and Freedoms of Aboriginal and Torres Strait Islander peoples. Other topics may include the making of the Australian nation, the history of an Asian society, Australian social history and migration experiences.

Students learn to apply the skills of investigating history, including analysing sources and evidence and sequencing major historical events to show an understanding of historical concepts including change and continuity, causation, contestability and significance. Students develop research and communication skills, and examine different perspectives and interpretations to develop an empathetic understanding of a wide variety of viewpoints. Students also learn to construct logical historical arguments supported by relevant evidence and to communicate effectively about the past for different audiences and different purposes.

Particular Course Requirements

All students must complete a site study in Stage 5.

Record of School Achievement

Students who have met the mandatory study requirements for History during Years 9–10 will receive a grade for History for the Record of School Achievement. Further information about the Record of School Achievement (RoSA) can be found on the [RoSA website](#).

PERSONAL DEVELOPMENT, HEALTH AND PHYSICAL EDUCATION

Personal Development, Health and Physical Education (PDHPE) is a mandatory course that is studied in each of Years 9–10 with at least 300 hours to be completed by the end of Year 10. This is a requirement for eligibility for the award of the Record of School Achievement.

Course Description

PDHPE develops students' capacity to enhance personal health and well-being. It promotes their enjoyment of and commitment to an active lifestyle and to achieve confidence and competence in a wide range of physical activities.

Through PDHPE students develop knowledge and understanding, skills and values and attitudes that enable them to advocate lifelong health and physical activity.

What will students learn about?

All students study the following four modules:

- Self and Relationships – Students learn about sense of self, adolescence and change, sources of personal support and the nature of positive, caring relationships
- Movement Skill and Performance – Students explore the elements of composition as they develop and refine movement skills in a variety of contexts
- Individual and Community Health – Students learn about the specific health issues of mental health, healthy food habits, sexual health, drug use and road safety. They examine risk, personal safety and how to access health information, products and services.
- Lifelong Physical Activity – Students consider lifestyle balance and the importance of physical activity and its physical benefits. Students learn to participate successfully in a wide range of activities and to adopt roles that promote a more active community.

What will students learn to do?

Throughout the course students will learn to apply some key skills that allow them to take action for health and physical activity. This includes an emphasis on communicating, interacting, problem-solving, decision-making, planning and moving.

Record of School Achievement

Satisfactory completion of the mandatory PDHPE course will be recorded with a grade on the student's Record of School Achievement.

Further information about the Record of School Achievement (RoSA) can be found on the [RoSA website](#).

ELECTIVE SUBJECTS

INSTRUCTIONS TO STUDENTS

This section gives an outline of the subjects that are available to students as ELECTIVES. They are listed in alphabetical order.

You will need to study 2 electives concurrently throughout the next two years.

Select four (4) subjects from this section in order of preference from 1 to 4.

Whether or not you are given your first two preferences will depend on the demand for the individual elective subjects, ie: how many students select them. Your preferences should be placed on the selection sheet at the back of this booklet.

CHILD STUDIES

Child Studies Content Endorsed Course Years 9–10 is an elective course that may be studied in Stage 5 for 100 or 200 hours for the Record of School Achievement. While the syllabus can be taught at any time in Years 9–10, its outcomes and content have been designed at a Stage 5 standard.

Course description

Child Studies aims to develop in students the knowledge, understanding and skills to positively influence the wellbeing and development of children in the critical early years in a range of settings and contexts.

What will students learn about?

The syllabus includes a range of modules that provide flexibility for schools to design and deliver a course in Child Studies that meets the needs and interests of their students. Modules should be between 15 and 30 hours duration.

The syllabus modules are:

- Preparing for parenthood
- Conception to birth
- Family interactions
- Newborn care
- Growth and development
- Play and the developing child
- Health and safety in childhood
- Food and nutrition in childhood
- Children and culture
- Media and technology in childhood
- Aboriginal cultures and childhood
- The diverse needs of children
- Childcare services and career opportunities

What will students learn to do?

Throughout the course students will develop skills that enhance their ability to:

- support a child's development from pre-conception through to and including the early years
- positively influence the growth, development and wellbeing of children
- consider the external factors that support the growth, development and wellbeing of children
- research, communicate and evaluate issues related to child development

This learning will be supplemented with practical experiences at local child care centres.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in *Child Studies CEC Years 9–10* during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

CERAMICS

Ceramics is an elective course that can be studied for 100 or 200 hours at any time during Years 9-10. It provides opportunity for students to develop an understanding of the material qualities of clay and skills in using it to make worthwhile functional and non-functional pieces.

Course Description

Ceramics offers students an opportunity to develop their creative skills in activities based on three dimensional art forms. Whilst ceramics will also be studied in the Visual Arts course, as a separate unit, it focuses entirely on the form and aesthetics of the three-dimensional object, involving skills in design, construction and decoration.

What will students learn about?

Students will learn about the three main techniques of construction involved in creating ceramic art pieces. They will develop problem solving skills as they learn how best to create a required desired form, and with which technique to do so. Students will learn about a variety of firing and finishing techniques. Students will also learn about the commercial aspects of ceramics.

Students will learn about how ceramics was integrated into past cultures, and how contemporary artists are using it today.

What will students learn to do?

Students will develop skills and techniques involved in creating forms using the three main hand building techniques – Pinch, coil and slab. Students will also explore a myriad of glazing techniques as they explore the more chemical aspect of glazing and firing. Students will also learn how to make moulds in order to cast ceramic objects for sculptural or functional purposes.

Students will learn to use the frames to analyse ceramic pieces from different viewpoints. They will also learn about the role of the ceramicist in the art world, and how we can understand a culture through the study of their ceramics.

Satisfactory completion of 100 or 200 hours of study in Ceramics during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items.

COMMERCE

Commerce is an elective course that can be studied for 100 or 200 hours at any time during Years 9–10.

Course Description

Commerce enables young people to develop the knowledge, understanding, skills and values that form the foundation on which they can make sound decisions about consumer, financial, legal, business and employment issues. It develops in students the ability to research information, apply problem-solving strategies and evaluate options in order to make informed and responsible decisions as individuals and as part of the community.

What will students learn about?

Students undertaking a 100-hour course in Commerce will complete Core Part 1 or Core Part 2 and a minimum of three options or Core Part 1 and Core Part 2 and one option.

Students undertaking a 200-hour course will study Core Part 1 and Core Part 2 and a minimum of five options.

Options may be studied for 15–25 indicative hours each.

In Core Part 1 students study *Consumer Choice* and *Personal Finance*, learning about making responsible spending, saving, borrowing and investment decisions as part of personal financial management and the development of consumer and financial literacy.

In Core Part 2 students study *Law and Society and Employment Issues*, in which they will develop an understanding of their legal rights and responsibilities and how laws affect individuals and regulate society. They also learn about commercial and legal aspects relating to employment issues, and their rights and responsibilities at work.

Students will also study optional topics selected from: Investing; Promoting and Selling; E-Commerce; Global Links; Towards Independence; Political Involvement; Travel; Law in Action; Our Economy; Community Participation; Running a Business; and a School-developed option.

What will students learn to do?

Student learning in Commerce will promote critical thinking and the opportunity to participate in the community. Students learn to identify, research and evaluate options when making decisions on how to solve consumer problems and issues that confront consumers. They will develop research and communication skills, including the use of ICT, that build on the skills they have developed in their mandatory courses.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in Commerce during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

DANCE

Dance is an elective course that can be studied for 100 or 200 hours at any time during Years 9–10.

Course Description

Dance provides students with opportunities to experience and enjoy dance as an artform as they perform, compose and appreciate dance. In an integrated study of the practices of performance, composition and appreciation, students develop both physical skill and aesthetic, artistic and cultural understandings. The course enables students to express ideas creatively and to communicate physically, verbally and in written forms as they make, perform and analyse dances and dance forms.

What will students learn about?

All students study dance performance, composition and appreciation. They will learn about the elements of dance (space, time and dynamics) and how they are used in, and link, the three practices. They will learn about performing dances with an awareness of safe dance practice, dance technique and performance quality. They will learn about how dance expresses ideas, feelings and experiences as they construct dance compositions to communicate ideas. They learn about people, culture and society as they study and analyse dance performances, compositions and dance works of art.

What will students learn to do?

Students will learn to develop an articulate body as they perform a range of dances in a variety of styles with a working knowledge of safe dance practice. They will learn to structure movement as they compose dances to express their ideas, feelings and experiences. They will learn to use the language of dance and to describe movements using the elements of dance as they view, discuss, read and write about dance. Drawing from their experiences gained in performing, composing and appreciating dances, they will learn to make connections between the making and performing of the movement and the appreciation of its meaning.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in Dance during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items.

DRAMA

Drama is an elective course that can be studied for 100 or 200 hours at any time during Years 9–10.

Course Description

Drama enables young people to develop knowledge, understanding and skills individually and collaboratively to make, perform and appreciate dramatic and theatrical works. Students take on roles as a means of exploring both familiar and unfamiliar aspects of their world while exploring the ways people react and respond to different situations, issues and ideas.

What will students learn about?

All students undertake a unit of playbuilding in every 100 hours of the course. Playbuilding refers to a group of students collaborating to make their own piece of drama from a variety of stimuli. At least one other dramatic form or performance style must also be studied in the first 100 hours. Examples of these include improvisation, mime, script, puppetry, small screen drama, physical theatre, Greek theatre, mask, comedy and Shakespeare. Students also learn about the elements of drama, various roles in the theatre, the visual impact of design, production elements and the importance of the audience in any performance.

What will students learn to do?

Students learn to make, perform and appreciate dramatic and theatrical works. They devise and enact dramas using scripted and unscripted material and use acting and performance techniques to convey meaning to an audience. They learn to respond to, reflect on and analyse their own work and the work of others and evaluate the contribution of drama and theatre to enriching society. Small group work is an integral part of the course.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in Drama during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items.

At least one mandatory theatre excursion will take place during Year 9 and Year 10 at an additional cost to students.

FOOD TECHNOLOGY

Food Technology is an elective course that may be studied for 100 or 200 hours for Stage 5. It builds on the knowledge, skills and experiences developed in the *Technology (Mandatory) Years 7–8 Syllabus*.

Course Description

The study of Food Technology provides students with a broad knowledge and understanding of food properties, processing, preparation and their interrelationship, nutritional considerations and consumption patterns. It addresses the importance of hygiene and safe working practices and legislation in the production of food. Students will develop food-specific skills, which can then be applied in a range of contexts enabling students to produce quality food products. It also provides students with a context through which to explore the richness, pleasure and variety food adds to life and how it contributes to both vocational and general life experiences.

What will students learn about?

Students will learn about food in a variety of settings, enabling them to evaluate the relationships between food, technology, nutritional status and the quality of life. The following focus areas provide a context through which the core (Food preparation and processing, Nutrition and consumption) will be studied.

- Food in Australia
- Food equity
- Food product development
- Food selection and health
- Food service and catering
- Food for special needs
- Food for special occasions
- Food trends

What will students learn to do?

The major emphasis of the Food Technology syllabus is on students exploring food-related issues through a range of practical experiences, allowing them to make informed and appropriate choices with regard to food. Integral to this course is students developing the ability and confidence to design, produce and evaluate solutions to situations involving food. They will learn to select and use appropriate ingredients, methods and equipment safely and competently.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in Food Technology during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items. Some specific items may at times be required.

GRAPHICS TECHNOLOGY

Graphics Technology is an elective course that may be studied for 100 or 200 hours for Stage 5. It builds on the knowledge, skills and experiences developed in the *Technology (Mandatory) Years 7–8 Syllabus*.

Course Description

The study of Graphics Technology develops an understanding of the significance of graphical communication as a universal language and the techniques and technologies used to convey technical and non-technical ideas and information. Graphics Technology develops in students the ability to read, interpret and produce graphical presentations that communicate information using a variety of techniques and media.

What will students learn about?

All students will learn about the principles and techniques involved in producing a wide range of images, models, pictures and drawings. They will gain an understanding of graphics standards, conventions and procedures used in manual and computer-based drafting.

Students undertaking 200 hours of Graphics Technology may also study a range of options that focus on specific areas of graphics including:

- Architectural Drawing
- Australian Architecture
- Cabinet and Furniture Drawing
- Computer Aided Design and Drafting
- Cartography and Surveying
- Computer Animation
- Engineering Drawing
- Graphic Design and Communication
- Landscape Drawing
- Pattern Design
- Product Illustration
- Technical Illustration.

What will students learn to do?

The major emphasis of the Graphics Technology syllabus is on students actively planning, developing and producing quality graphical presentations. Students will learn to design, prepare and present graphical presentations using both manual and computer based drafting technologies. They will learn to interpret and analyse graphical images and presentations and develop an understanding of the use of graphics in industrial, commercial and domestic applications.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in Graphics Technology during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A personal set of drawing instruments is required and is included in the course fee. Students will be wholly responsible for their own instrument sets.

The course fee also covers the cost of drawing and rendering media, pens and other stationery and consumable items.

Student teams will compete in the FI in Schools competition.

INDUSTRIAL TECHNOLOGY - ENGINEERING

Industrial Technology is an elective subject within which students may undertake one or two courses. Each course may be studied for 100 or 200 hours for Stage 5. It builds on the knowledge, skills and experiences developed in the *Technology (Mandatory) Years 7-8 Syllabus*.

Course Description

Industrial Technology develops students' knowledge and understanding of materials and processes in a range of technologies. They develop knowledge and skills relating to the selection, use and application of materials, tools, machines and processes through the planning and production of quality practical projects.

What will students learn about?

All students will learn about the properties and applications of materials associated with their chosen area of study. They will study the range of tools, machines and processes available in both industrial and domestic settings for working with selected materials. Students will learn about safe practices for practical work environments, including risk identification and minimisation strategies. They will also learn about design including the communication of ideas and processes.

Core modules develop knowledge and skills in the use of materials, tools and techniques related to structures and mechanisms. These are enhanced and further developed through the study of specialist modules in:

- Control Systems
- Alternative Energy

Practical projects should reflect the nature of the Engineering focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to engineering. These may include:

- Small structures
- Small vehicles
- A range of devices and appliances
- Robotics projects
- Electronic and mechanical control systems

What will students learn to do?

The major emphasis of the Industrial Technology syllabus is on students actively planning and constructing quality practical projects. Students will learn to select and use a range of materials for individual projects. They will learn to competently and safely use a range of hand tools, power tools and machines to assist in the construction of projects. They will also learn to produce drawings and written reports to develop and communicate ideas and information relating to projects.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in an Industrial Technology course during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement. This may occur in up to two courses.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items.

Safe footwear and a protective apron are also required.

The apron may be purchased from the school office or students' Year 7 and 8 aprons can be used.

INDUSTRIAL TECHNOLOGY - METAL

Industrial Technology is an elective subject within which students may undertake one or two courses. Each course may be studied for 100 or 200 hours for Stage 5. It builds on the knowledge, skills and experiences developed in the *Technology (Mandatory) Years 7-8 Syllabus*.

Course Description

Industrial Technology develops students' knowledge and understanding of materials and processes in a range of technologies. They develop knowledge and skills relating to the selection, use and application of materials, tools, machines and processes through the planning and production of quality practical projects.

What will students learn about?

All students will learn about the properties and applications of materials associated with their chosen area of study. They will study the range of tools, machines and processes available in both industrial and domestic settings for working with selected materials. Students will learn about safe practices for practical work environments, including risk identification and minimisation strategies. They will also learn about design including the communication of ideas and processes.

What will students learn to do?

The major emphasis of the Industrial Technology syllabus is on students actively planning and constructing quality practical projects. Students will learn to select and use a range of materials for individual projects. They will learn to competently and safely use a range of hand tools, power tools and machines to assist in the construction of projects. They will also learn to produce drawings and written reports to develop and communicate ideas and information relating to projects.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in an Industrial Technology course during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement. This may occur in up to two courses.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items.
Safe footwear and a protective apron are also required.
The apron may be purchased from the school office or students' Year 7 and 8 aprons can be used.

INDUSTRIAL TECHNOLOGY - TIMBER

Industrial Technology is an elective subject within which students may undertake one or two courses. Each course may be studied for 100 or 200 hours for Stage 5. It builds on the knowledge, skills and experiences developed in the *Technology (Mandatory) Years 7-8 Syllabus*.

Course Description

Industrial Technology develops students' knowledge and understanding of materials and processes in a range of technologies. They develop knowledge and skills relating to the selection, use and application of materials, tools, machines and processes through the planning and production of quality practical projects.

Students may undertake one or two courses in Industrial Technology and may elect to study one of eleven focus areas in each course. These focus areas are based on a range of technologies of industrial and domestic significance.

What will students learn about?

All students will learn about the properties and applications of materials associated with their chosen area of study. They will study the range of tools, machines and processes available in both industrial and domestic settings for working with selected materials. Students will learn about safe practices for practical work environments, including risk identification and minimisation strategies. They will also learn about design including the communication of ideas and processes.

What will students learn to do?

The major emphasis of the Industrial Technology syllabus is on students actively planning and constructing quality practical projects. Students will learn to select and use a range of materials for individual projects. They will learn to competently and safely use a range of hand tools, power tools and machines to assist in the construction of projects. They will also learn to produce drawings and written reports to develop and communicate ideas and information relating to projects.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in an Industrial Technology course during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement. This may occur in up to two courses.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items.
Safe footwear and a protective apron are also required.
The apron may be purchased from the school office or students' Year 7 and 8 aprons can be used.

INFORMATION AND SOFTWARE TECHNOLOGY

Information and Software Technology is an elective course that may be studied for 100 or 200 hours for Stage 5. It builds on the knowledge, skills and experiences developed in the *Computing Studies Years 7–8 Syllabus* and provides a continuum of learning to Stage 6 Industrial Technology - Multimedia.

Course Description

People will require highly developed levels of computing and technology literacy for their future lives. Students therefore need to be aware of the scope, limitations and implications of information and software technologies.

Individual and group tasks, performed over a range of projects, will enable this practical-based course to deliver the relevant knowledge and skills needed by students. Development of technology skills and information about career opportunities within this area are important aspects of the course.

What will students learn about?

The core content to be covered in this course is integrated into the options chosen within the school. The course has been designed with an emphasis on practical activities that allow students to sustain focus in a range of interest areas at some depth.

The option topics to be studied within this course include:

- Digital Media – Photoshop, InDesign & Illustrator
- Multimedia – Video Editing & Animating
- Internet and Website Development – Adobe Muse
- Software Development and Programming – 2D and 3D – Unity 3D & Construct 2
- 3D Modelling – Sculptris, Sketchup & Blender
- Relational Database Management Systems
- Project Management

What will students learn to do?

Students will identify a need or problem to be solved, explore a range of possible solutions and produce a full working solution. They will use a variety of technologies to create, modify and produce products in a range of media formats.

Group and individual project-based work will assist in developing a range of skills, including research, design and problem-solving strategies over the chosen topics.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in Information and Software Technology during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items.

JAPANESE

Course Description

Languages courses provide students with the opportunity to gain effective skills in communicating in the chosen language, to explore the relationship between languages and English, and to develop an understanding of the cultures associated with the chosen language.

What will students learn about in the study of a modern language?

Students will develop the knowledge, understanding and skills necessary for effective interaction in Japanese.

They will explore the nature of languages as systems by making comparisons between English and Japanese.

Students will also develop intercultural understandings by reflecting on similarities and differences between their own and the Japanese culture.

What will students learn to do in the study of a modern language?

Students will develop the skills to communicate in Japanese. They will listen and respond to spoken language. They will learn to read and respond to written texts in Japanese. Students will establish and maintain communication in familiar situations using Japanese.

Students will explore the diverse ways in which meaning is conveyed by comparing and contrasting features of Japanese. They develop a capacity to interact with Japanese people, their culture and their language.

Record of School Achievement

Satisfactory completion of the mandatory Year 8 language study will be recorded on the student's Record of School Achievement.

Satisfactory completion of 100 or 200 hours of elective study in a language (or languages) during Stage 5 (Years 9 and 10) will also be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject. This contribution covers the purchase of the textbook/workbook which the students use in class.

MARINE AND AQUACULTURE TECHNOLOGY

Marine and Aquaculture Technology is an elective content endorsed course that may be studied for 100 or 200 hours for Stage 5. It builds on the knowledge, skills and experiences developed in the *Technology (Mandatory) Years 7–8 Syllabus*.

Course Description

Marine and Aquaculture Technology develops students' capacity to design, produce, evaluate, use and manage marine and water-related environments in an environmentally sustainable way.

For a 200 hour course students study a core of 35 hours and eleven 15 hour optional modules. There are forty-eight modules available from a broad range of marine and aquaculture areas. They are organised into seven focus areas:

- Biology
- Ecology
- Leisure
- Aquaculture
- Employment
- Management
- General Interest

What will students learn about?

All students learn about marine and aquatic environments. They study water safety, general first aid and the maintenance of equipment. The economical sustainability of aquaculture and marine environments is emphasised together with the preservation of wild seafood stocks. Students learn about the ethical and sustainable use, management and protection of the marine environment. The responsible selection and safe use of equipment in aquaculture and marine and maritime activities is emphasised. They also study a range of industries and organisations that use, manage and regulate the marine environment.

What will students learn to do?

The major emphasis of the Marine and Aquaculture Technology syllabus is on practical experiences. Students learn about Occupational Work Health and Safety issues and apply principles of water safety and first aid in marine situations. They also learn to responsibly select, use and maintain materials and equipment and to use appropriate techniques in the context of the modules selected for study. Students will learn to research, experiment and communicate in relation to aquaculture, maritime and marine activities and to apply ethical and sustainable practices in the use and management of the marine environment. Other learning experiences in the course are dependent on the optional modules studied.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in Marine and Aquaculture Technology (CEC) during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items.

MUSIC

The Music Years 9–10 Syllabus contains both Mandatory and Elective courses. The Mandatory course is taught as a coherent study of 100 hours, not spread over several years. This is a requirement for eligibility for the award of the Record of School Achievement. The Elective course can be studied for 100 or 200 hours in Stage 5 (Years 9 and 10).

Course Description

All students should have the opportunity to develop their musical abilities and potential. As an artform, music pervades society and occupies a significant place in world cultures and in the oral and recorded history of all civilisations. Music plays important roles in the social, cultural, aesthetic and spiritual lives of people. At an individual level, music is a medium of personal expression. It enables the sharing of ideas, feelings and experiences. The nature of musical study also allows students to develop their capacity to manage their own learning, engage in problem-solving, work collaboratively and engage in activity that reflects the real world practice of performers, composers and audiences.

What will students learn about?

In both the Mandatory and Elective courses, students will study the *concepts of music* (duration, pitch, dynamics and expressive techniques, tone colour, texture and structure) through the learning experiences of *performing, composing and listening*, within the *context* of a range of styles, periods and genres.

The Mandatory course requires students to work in a broad range of musical contexts, including an exposure to art music and music that represents the diversity of Australian culture. The Elective course requires the study of the compulsory topic Australian Music, as well as a number of optional topics that represent a broad range of musical styles, periods and genres.

What will students learn to do?

In Music, students learn to perform music in a range of musical contexts, compose music that represents the topics they have studied and listen with discrimination, meaning and appreciation to a broad range of musical styles. The study of the concepts of music underpin the development of skills in performing, composing and listening.

Course Requirements

The Mandatory course is usually studied in Years 7 and/or 8. Students may not commence study of the Elective course until they have completed the requirements of the Mandatory course.

Record of School Achievement

Satisfactory completion of the mandatory Music course will be recorded on the student's Record of School Achievement.

Satisfactory completion of 100 or 200 hours of elective study in Music during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items.

PHYSICAL ACTIVITY AND SPORTS STUDIES

Physical Activity and Sports Studies is an elective content endorsed course that may be studied for 100 or 200 hours for the Record of School Achievement. The syllabus can be taught at any time in Years 9–10 however, its outcomes and content have been designed at a Stage 5 standard.

Course Description

Physical Activity and Sports Studies aims to enhance students' capacity to participate effectively in physical activity and sport, leading to improved quality of life for themselves and others.

Students engage in a wide range of physical activities in order to develop key understandings about how and why we move and how to enhance quality and enjoyment of movement.

What will students learn about?

The course includes modules selected from each of the following three areas of study:

▪ **Foundations of Physical Activity**

- Body systems and energy for physical activity
- Physical activity for health
- Physical fitness
- Fundamentals of movement skill development
- Nutrition and physical activity
- Participating with safety

Physical Activity and Sport in Society

- Australia's sporting identity
- Lifestyle, leisure and recreation
- Physical activity and sport for specific groups
- Opportunities and pathways in physical activity and sport
- Issues in physical activity and sport

Enhancing Participation and Performance

- Promoting active lifestyles
- Coaching
- Enhancing performance – strategies and techniques
- Technology, physical participation and performance
- Event management

What will students learn to do?

Throughout the course students will develop skills that develop their ability to:

- work collaboratively with others to enhance participation, enjoyment and performance in physical activity and sport
- display management and planning skills to achieve personal and group goals in physical activity and sport
- perform movement skills with increasing proficiency
- analyse and appraise information, opinions and observations to inform physical activity and sport decisions.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in Physical Activity and Sports Studies CEC during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of a student workbook.

TEXTILES TECHNOLOGY

Textiles Technology is an elective course that may be studied for 100 or 200 hours for Stage 5. It builds on the knowledge, skills and experiences developed in the *Technology (Mandatory) Years 7–8 Syllabus*.

Course Description

The study of Textiles Technology provides students with a broad knowledge of the properties, performance and uses of textiles in which fabrics, colouration, yarns and fibres are explored. Students examine the historical, cultural and contemporary perspectives on textile design and develop an appreciation of the factors affecting them as textile consumers. Students investigate the work of textile designers and make judgements about the appropriateness of design ideas, the selection of materials and tools and the quality of textile items. Textile projects will give students the opportunity to be creative, independent learners and to explore functional and aesthetic aspects of textiles

What will students learn about?

Students will learn about textiles through the study of different focus areas and areas of study. The following focus areas are recognised fields of textiles that will direct the choice of student projects.

- Apparel
- Furnishings
- Costume
- Textile arts
- Non-apparel

Project work will enable students to discriminate in their choices of textiles for particular uses. The focus areas provide the context through which the three areas of study (Design, Properties and Performance of Textiles, Textiles and Society) are covered.

What will students learn to do?

By examining the work of designers students will learn to use the creative process to design textile items. Design ideas and experiences are documented and communicated and will show evidence of each of the stages of designing, producing and evaluating. Students will learn to select, use and manipulate appropriate materials, equipment and techniques to produce quality textile projects. Students will learn to identify the properties and performance criteria of textiles by deconstructing textile items and identify the influence of historical, cultural and contemporary perspectives on textile design, construction and use.

Record of School Achievement

Satisfactory completion of 100 or 200 hours of study in Textiles Technology during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items. Some specific items may at times be required.

VISUAL ARTS

Course Description

Visual Arts provides opportunities for students to enjoy the making and studying of art. It builds an understanding of the role of art in all forms of media, both in the contemporary and historical world, and enables students to represent their ideas and interests in artworks. Visual Arts enables students to become informed about, understand and write about their contemporary world. Theory constitutes a minimum 30% of the Visual Arts course.

What will students learn about?

Students learn about the pleasure and enjoyment of making different kinds of artworks in 2D, 3D and/or 4D forms. They learn to represent their ideas and interests with reference to contemporary trends and how artists' including painters, sculptors, architects, designers, photographers and ceramists, make artworks.

Students learn about how art is shaped by different beliefs, values and meanings by exploring artists and artworks from different times and places and relationships in the artworld between the artist – artwork – world – audience. They also explore how their own lives and experiences can influence their artmaking and critical and historical studies.

What will students learn to do?

Students learn to make artworks using a range of materials and techniques in 2D, 3D and 4D forms, including traditional and more contemporary forms, site-specific works, installations, video and digital media and other ICT forms, to build a body of work over time. They learn to develop their research skills, approaches to experimentation and how to make informed personal choices and judgements. They learn to record procedures and activities about their artmaking practice in their Visual Arts diary.

They learn to investigate and respond to a wide range of artists and artworks in artmaking, critical and historical studies. They also learn to interpret and explain the function of and relationships in the artworld between the artist – artwork – world – audience to make and study artworks.

Course Requirements

Students are required to produce a body of work and keep a Visual Arts diary.

Record of School Achievement

Satisfactory completion of the mandatory Visual Arts course will be recorded on the student's Record of School Achievement.

Satisfactory completion of 100 or 200 hours of elective study in Visual Arts during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement.

PLEASE NOTE: A course contribution is required of students undertaking this subject to meet the cost of consumable items.

SUBJECT CONTRIBUTIONS

Some subjects have a significant contribution attached to cover the cost of materials for student projects. If these contributions are not paid, quality materials may not be available. Where students are required to undertake a major project, they are also responsible for the cost of materials used in that project. You should direct any questions you may have about course contributions to the Class Teacher or Head Teacher of the relevant subject.

The table below lists subject contributions for next year. There may be some minor changes however the list gives a fair idea of costs associated with each subject.

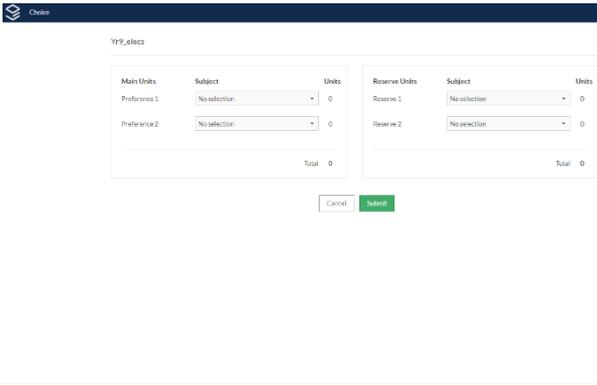
YEAR 9 COURSE COSTS – 2019	
General School Contribution	\$85.00
P & C Levy	\$55.00
School Diary	\$12.00
Technical Support Officer	\$30.00
English eBook	\$14.00
Hot Maths access	\$12.00
Science Equipment	\$7.00
Sport	\$10.00
Technology Access	\$30.00
Ceramics	\$60.00
Dance	\$35.00
Drama - <i>plus one mandatory theatre excursion in Yrs 9 & 10 at an additional cost</i>	\$35.00
Food Technology	\$90.00
Graphics Technology – includes kit	\$55.00
Industrial Technology – Engineering	\$60.00
Industrial Technology – Metal	\$60.00
Industrial Technology – Timber	\$60.00
Information and Software Technology	\$25.00
Languages – Japanese	\$40.00
Marine and Aquaculture Technology	\$85.00
Music	\$40.00
Physical Activity & Sports Studies	\$35.00
Textiles Technology	\$35.00
Visual Arts	\$60.00

INSTRUCTIONS FOR MAKING YR 9 SUBJECT SELECTIONS ONLINE

You are required to make your selections for your Year 9 subjects online. Explanations for and descriptions of all elective subjects being offered can be found in the Year 8 Subject Selection Booklet.

Please follow these instructions. Before you begin, make sure that you will have access to the internet and a printer from the computer on which you are going to do this.

The closing date and time is **Wednesday, 8 August 2018 at midnight**. Please do not leave it until the last day to make your selections, because if you have a problem then you may not get your entry done in time.

<p>Step 1. Access the following site in your Web Browser https://spring.edval.com.au/login</p> <p>You will see the screen opposite. You need to enter your Booking Code. Your booking code is «WebCode».</p>	
<p>Step 2. Once you have successfully logged in you will see the screen opposite. It will have your name at the top – if you do not see your name – log out and try again.</p> <p>Use the drop down boxes to choose your selections. Choose one subject in each category from the subjects in the drop down boxes. Preference 1 is your 1st choice subject, Preference 2 is your 2nd choice subject. You should carefully choose your 2 Reserve subjects.</p>	
<p>Step 3. Press the Submit button. If there are no problems with your selections you will be taken to a new page confirming your choices. You will need to print this page.</p>	<p>OA warning message will appear if an incorrect choice has been made. Make the correction and Submit again.</p>
<p>Step 4. Ask one of your parents to sign your printed sheet on the bottom half of the page, and bring this to school and hand in to your <u>Year 8 Advisor, Ms Tsiorvas or Ms Cashmere.</u></p>	
<p>Step 5. You may login again and make changes to your preferences until midnight on Wednesday, 8 August 2018. If you change your selection, you will need to return another signed printout to the school. After this date the only way to make changes is to see Ms Cashmere or Ms Mooney.</p> <p><i>If you have difficulty logging-in, check your typing and password. If you have difficulty in making your selections re-read the instructions. If you continue to have difficulty, see Ms Cashmere or Ms Mooney.</i></p>	