



# Deniliquin High School

Junior Prospectus

Year 9

2020

# YEAR 9 SUBJECT SELECTION 2020

Students and Parents,

In the next few days, students in Year 8 at Deniliquin High School will be given the opportunity to elect some subjects to be studied during Years 9. It is important that all students consider their choices carefully. Chances are that if you enjoy a subject, with a little effort you can probably do well in that subject.

In Year 9 and 10, English, Maths, Science, History, Geography and PD/H/PE are compulsory subjects.

Considerations:

- All students choose 3 electives in Year 9 and Year 10. Two of these count for 200hrs towards their ROSA and must be studied in both years. The third for each year counts for 100hrs and can only be studied for 1 year. Students reselect their 100hr course at this time in Year 10.
- Many subjects can be taught as 100hr **OR** 200hr electives.
- **Students may only study 2 courses based on the Industrial Technology Syllabus.**

Courses offered are;

- ✓ Metal
- ✓ Timber
- ✓ Engineering



**Students can only choose 2 from this list for both Yr 9 and 10.**

**200 hour Electives – Students must choose 2 subjects from the table below to be studied in Year 9 and Year 10.**

Agricultural Technology	Industrial Technology - Timber
Commerce	Music
Drama	Physical Activity and Sport Studies (PASS)
Food Technology	Textiles Technology
Crimes and Mysteries	Visual Arts
Industrial Technology - Metal	

**100 hour Electives – Students must choose 1 of the subjects below to study in Year 9 only. They will then reselect in Year 10.**

Agricultural Technology	Crimes and Mysteries
Asian Studies*	Industrial Technology - Engineering
Child Studies	Music
Commerce	Physical Activity and Sport Studies (PASS)
Drama	Visual Arts
Design, Build, Create	

\*This subject can be studied in EITHER Yr 9 or Yr 10 but NOT both.

Please note –

1. Students will be asked to make an initial choice and from this, elective subjects will be placed into three elective lines – Elective 1, Elective 2 and Elective 3.

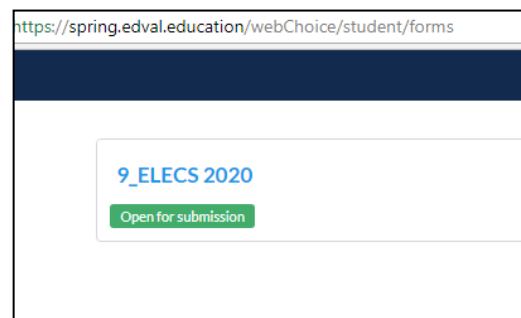
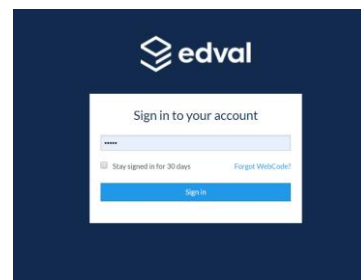
2. Classes will only run if a sufficient number of students elect to study them. It is important to select the three subjects that you most want to do but also to have three subjects that you could study if you can't get your first preferences.

# Online Elective Selection

Subject Selections are now completed online with the data going straight to the timetabling program, Edval. Students need to follow the procedure outlined below.

1. Log on to <http://spring.edval.education>
2. Enter your personalised webcode – this was sent to your school email account
3. Open **9\_Elecs 2020**
4. Using the rules as guidance, make your selections. Please note, this is a preferential system; put the subjects you most want to do first.
5. You must choose **two** 200 hour and **one** 100 hour elective for the main choice and as reserve preferences. You cannot choose the same subject more than once.
6. When you've completed your selection, according to the rules, submit your preferences.
7. Print off the form and get a parent/carer to sign it.

**Submit the form to the Front Office by Monday, 2<sup>nd</sup> September 2019.**



9\_elecs

Main Units	Subject	Units	Reserve Units	Subject	Units
Priority 1	Textile Technology 200	1	Reserve 1	Physical & Sport Studies 200	1
Priority 2	Agriculture 200	1	Reserve 2	Drama 200	1
Priority 3	Visual Arts 100	1	Reserve 3	Asian Studies 100	1
		Total 3			Total 3

Notes: DENILUQUIN HIGH SCHOOL - YEAR 9 ELECTIVES 2020  
Choose two 200 hour electives AND one 100 hour elective

Buttons: Cancel, Submit

Notes: Your choices are registered.  
Submitted date: Thu 1 Jan 1970 10:00:00

**Main units**

Main Units	Subject	Units
9TEX2	Textile Technology 200	1
9AGR2	Agriculture 200	1
9VAR1	Visual Arts 100	1
		Total units: 3

**Reserve units**

Reserve Units	Subject	Units
9PAS2	Physical & Sport Studies 200	1
9DRA2	Drama 200	1
9AST1	Asian Studies 100	1
		Total units: 3

Please get form signed, and return to school.

Signature: \_\_\_\_\_  
Parent / Carer

## Choosing your Year 9 Elective Subjects

Which "elective" should I choose?

The answer is not simple, but think carefully about the following questions and they may help you decide:

***Which subjects do I like?***

***What subjects am I good at?***

***What subjects will give me an interesting and balanced study pattern?***

***Don't pick a course only because some of your friends are thinking of taking it.***

***Don't pick a course because you've heard a particular teacher is taking that course.***

***Don't pick a course that will be too hard for you.***

***Don't pick a course that will not challenge you at all?***

***Don't pick a course because someone has said to that you must do it or because someone is putting pressure on you to take it.***

All elective courses are exactly as the word says - elective. All students have the freedom to pick the subjects they wish to study so long as they follow the simple requirements that were listed previously. Remember that no elective subject is compulsory for any student.

**Think** carefully about your subject choices

**Discuss** your thoughts with your parents

**Ask** the relevant people at school if you need help

**Make** well thought out decisions about your elective choices

Remember your interests and strengths are your best guide to subject choice.

*Ask for help if you are uncertain!*

## Who Can Help Me Select My Subjects?

If you would like more information on a subject or you are uncertain if you should do a specific subject then you should go and talk to the Head Teacher in charge of that subject.

Some other people who will be able to assist are:

- your class teachers.
- your Year Adviser: Mr Lethbridge.
- the Careers Advisers: Mrs Van Lieshout and Ms Sinha.
- other students already doing the subject you are interested in.
- your mum and dad or older family members.

## Subject Materials Fee

Various electives use consumable materials throughout their course. To cover the cost of such materials used by students, a fee of \$50 is charged per subject.

Subjects which incur this cost are:

- Food Technology
- Industrial Technology - Engineering
- Industrial Technology – Metal
- Industrial Technology – Wood
- Design, Build, Create
- Visual Arts

# ***Agricultural Technology***

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## ***Course Description***

Students will experience aspects of an agricultural lifestyle through direct contact with plants and animals and a variety of outside activities. They explore the many and varied career opportunities in agriculture and its related service industries. Students investigate the viability of Australian agriculture through the careful management of issues relating to the sustainability of agricultural systems, as well as the relationships between production, processing and consumption. The study of a range of enterprises allows students to make responsible decisions about the appropriate use of agricultural technologies.

## ***What will students learn about?***

The essential content integrates the study of interactions, management and sustainability within the context of agricultural enterprises. These enterprises are characterised by the production and sale or exchange of agricultural goods or services, focusing on plants or animals or integrated plant/animal systems. The local environment will be considered in selecting enterprises, as will the intensive and extensive nature of the range of enterprises to be studied.

## ***What will students learn to do?***

Students will spend approximately half of the course time on practical experiences related to the chosen enterprises including fieldwork. Students will use the school farm which is an excellent resource with stud cattle, sheep, irrigation, lucerne production and poultry. They will develop skills with livestock and machinery in a safe environment, laboratory work and visits to commercial farms and businesses. The skills of designing, investigating, using technology and communicating will also be developed over the period of the course.

## ***Record of School Achievement (RoSA)***

Satisfactory completion in Agricultural Technology during Stage 5 (Years 9 and/or 10) will be recorded with a grade on the student's Record of School Achievement (RoSA).

# ***Asian Studies - 100 hours only***

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## ***Course Description***

Students will explore the Asian region to learn about culture, religion, food and everyday life. The course will be based around historical issues, current events and looking to the future. By the end of the course students will have an enhanced understanding of key Asian concepts and issues, and how Australia is linked to different Asian countries.

## ***What will students learn about?***

Students will learn about Asian history and geography so that they will be able to accurately identify how each country is shaped as it is today. Cultural practices will be examined including everything from how people greet each other, expected behaviours, social etiquette, gender relationships, languages and recreational activities. Religion will also be a focus with students learning about alternative beliefs such as Buddhism. The food of Asia will also form part of the learning experience.

## ***What will students learn to do?***

Students will learn to look at the world around them in a different way. They will learn to accept and identify key aspects of life in different Asian countries and compare them to life in Australia. Students will learn to appreciate different Asian foods from countries such as Vietnam and Thailand. Students will also learn about how Australia and Asia are tightly linked as we progress through the 21<sup>st</sup> Century. It is expected that as part of the course students would be engaged in hands-on learning through attempting language exercises, personal cooking, pen pal activities and field trips.

## ***Record of School Achievement (RoSA)***

Satisfactory completion of Asian Studies during Stage 5 will be recorded with a grade on the student's Record of School Achievement (RoSA).

## **Child Studies**

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### **Course Description**

This course focuses on conception through to childhood and aims to provide students with valuable information on the responsibilities of parenting. Students learn about relationships and how they are valued. Decision making with reference to relationships is discussed and the issue of teenage parenting is explored. Conception, contraception, pregnancy and birth are investigated and caring for a newborn is analysed. Infancy through to childhood is also explored with reference to community resources for parents.

### **What will students learn about?**

Students will learn about the responsibilities that lie with becoming a parent. They will explore several key areas of the syllabus including:

- Preparing for parenthood
- Conception to birth
- Newborn care
- Growth and development
- Play and the developing child
- Health and safety in childhood
- Media and technology in childhood
- Childcare services and career opportunities.

### **What will the students learn to do?**

Students will learn to experience being a parent through a RealCare baby. They will also learn about the wide range of services available to parents in Deniliquin and surrounding districts. They will also learn basic research skills that will assist them if they choose the HSC unit Community and Family Studies in the senior years of schooling. They will also learn the basic knowledge and skills if they choose Exploring Early Childhood as a HSC subject in Year 11 and 12.

### **Record of School Achievement (RoSA)**

Satisfactory completion of Child Studies during Stage 5 will be recorded with a grade on the students Record of School Achievement (RoSA).

## **Commerce**

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### **Course Description**

This course is about providing students with relevant and contemporary studies into topics such as business, employment, finance and consumer rights.

### **What will students learn about?**

Student will engage in a wide range of activities during the course. Students will learn about the role of law and society, the choices open to consumers, personal finance and issues regarding employment.

### **What will students learn to do?**

Students will learn to become informed decision makers with regard to money and employment. They will learn practical skills dealing with running a business, as well as investing, promotions and marketing and the world of e-commerce. Students will learn to make educated choices about what they buy and why they make purchase decisions. They will also learn how to use technology in order to make travel plans, undertake internet banking and create an on-line marketing scheme.

### **Record of School Achievement (RoSA)**

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

# ***Design, Build, Create***

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## ***Course Description***

This course builds on the foundations of the Technology (Mandatory) course that is studied in Years 7 and 8. The course involves designing, producing and evaluating quality designed systems. The course looks at the role of designers in improving our lifestyle and the methods of design. Through experimentation, manufacturing and design the course seeks to develop students' ability to problem solve and critically evaluate products and systems.

## ***What will students learn about?***

Students will engage in a wide range of practical activities during the development of a design project. Design projects are the main learning activity for students and each culminates in the designed solution and folio documentation. The design projects may relate to the following areas, depending on student interest and staffing:

- 1. Jewellery Making**
- 2. Multi Media Promotional Tool (Deni Ute Muster)**
- 3. Furnishings - Ottoman**

## ***What will students learn to do?***

Each unit will be based on a design brief and the documentation of processes in a folio. Students studying the course will complete units of work that address different focus issues of design. Students will learn to define innovation and design, to analyse design situations, to describe design factors, critically evaluate, use technology for solutions and communicate ideas.

## ***Record of School Achievement (RoSA)***

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

## ***Subject Fee***

To cover the cost of consumable materials a fee of \$50.00 is charged to students selecting this subject.

# ***Drama***

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## ***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 play-building in every 100 hours of the course. Play-building 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, street theatre, mask and comedy. 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.

## ***Record of School Achievement (RoSA)***

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

## **English (Mandatory)**

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### **Course Description**

Students of English in Years 7–10 learn to read, enjoy, understand, appreciate and reflect on the English language in a variety of texts and to write texts that are imaginative, interpretive, critical and powerful.

### **What will students learn about?**

Students study fiction, film, drama, poetry and nonfiction. They will study examples of spoken texts, print texts, visual texts, media, multimedia and digital texts. The texts give students experience of Australian literature, insights into Aboriginal experiences and multicultural experiences in Australia and literature from other countries and times.

### **What will students learn to do?**

Students develop their skills, knowledge and understanding so that they can use language and communicate appropriately and effectively 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.

### **Course Requirements**

The study of English in Stage 4 (Years 7–8) requires experience of at least two works of each of fiction, film, nonfiction and drama and a wide range of types of poems. In Stage 5 (Years 9–10) it requires experience of at least two works of each of fiction, film, nonfiction and drama, a variety of poetry drawn from different anthologies or from particular poets.

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

### **Record of School Achievement (RoSA)**

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

## **Food Technology**

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### **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 area of study (Food Preparation and Processing, Nutrition and Consumption) will be studied.

Food in Australia	Food Service and Catering
Food Production Development	Food Trends
Food for Special Occasions	Food Selection and Health

### **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 (RoSA)**

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

### **Subject Fee**

To cover the cost of consumable materials a fee of \$50.00 is charged to students selecting this subject.

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# **Geography (Mandatory)**

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## ***Course Description***

Geography allows students to develop an enjoyment 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?***

Global Geography consists of four focus areas in which students learn about the geographical processes and human interactions that shape global environments. They also learn about geographical issues and the responses to them including appropriate methods of citizenship for their management. Students of Australian Geography learn about the interaction of human and physical geography in a local context. They examine Australia's physical environments and communities and explore how they are changing and responding to change. Students also look at Australia's roles in its region, globally and how individuals and groups are planning for a better future.

An important feature of the Australian Geography course is to allow students to become more informed and active citizens.

## ***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 Stages 4 and 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 (RoSA)***

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 (RoSA).

# Crimes and Mysteries

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## **Course Description**

Students will learn about various aspects of life in the past, with a focus on interesting and unique events in history. The course aims to develop and encourage students' skills of investigation, research, enquiry, understanding and empathy. Students will study a range of stimulating topics that are not covered in the regular History course. Virtual and physical site studies will be incorporated into the course.

## **What will students learn about?**

One key focus will be on Crime and Punishment. This topic investigates true crime events from Australia and around the world. This could include bushrangers from Australia's colonial past as well as more contemporary events such as the Azaria Chamberlain murder case in the Northern Territory. Students will also investigate how crime and punishment has changed in Australia over time.

Historical mysteries will be the other key focus of the Elective History course. This could include: the Titanic, Jack the Ripper, Joan of Arc, the city of Atlantis, Alexander's conquest of the Persian Empire, the Bog Bodies of Europe and the Egyptian Pyramids. Students will cover events and personalities from both the modern, medieval and ancient world.

## **What will students learn to do?**

Students will develop:

- a knowledge and understanding of history and historical inquiry
- a knowledge and understanding of past societies and historical periods
- skills to undertake the processes of historical inquiry
- skills to communicate their understanding of history.

## **Course Requirements**

Students are required to attempt all classwork, assessment tasks and participate in class activities and/or excursions.

## ***Record of School Achievement (RoSA)***

Satisfactory completion of Crime & Mysteries during Stage 5 (Years 9 and 10) will be recorded with a grade on the student's Record of School Achievement (RoSA).

# ***History (Mandatory)***

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## ***Course Description***

The aim of history is to stimulate students' interest in and enjoyment of exploring the past, to develop a critical understanding of the past and its impact on the present, to develop the critical skills of historical inquiry and to enable students to participate as active, informed and responsible citizens.

## ***What will students learn about?***

This course is a study of the history of the making of the modern world from 1750 to 1945. It was a period of industrialisation and rapid change in the ways people lived, worked and thought. It was an era of nationalism and imperialism, and the colonisation of Australia was part of the expansion of European power. The period culminated in World War I and World War II.

The history of the modern world and Australia from 1945 to the present, with an emphasis on Australia in its global context, follows in Year 10. The twentieth century became a critical period in Australia's social, cultural, economic and political development. The transformation of the modern world during a time of political turmoil, global conflict and international cooperation provides a necessary context for understanding Australia's development.

## ***What will students learn to do?***

Students will learn to describe, explain and assess the historical forces and factors; and sequence and explain the significant patterns of continuity and change. Students analyse the link between causes and effects. They learn to explain the significance of events and developments from a range of perspectives. They explain different interpretations of the past and recognise the evidence used to support these interpretations. Students will learn to critically examine both primary and secondary sources. Students will have undertaken a relevant site study either by visiting an actual site or through a virtual source.

## ***Course Requirements***

All students must complete a site study in Stage 4 and Stage 5.

## ***Record of School Achievement (RoSA)***

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

# **Industrial Technology - Engineering**

*N.B. students can only do a maximum of two Industrial Technology subjects in Stage 5*

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## **Course Description**

This subject gives students the opportunity to develop their skills and knowledge of basic engineering principles relating to structures and mechanisms. Through destructive testing and experimentation students analyse bridge building, trusses and vehicle sub systems in a practical environment while introducing them to the principles of forces moments and other basic notions. Students may be involved in model mock ups, designing solar powered or mechanical vehicles or learning about robotics and control systems. This is to be achieved through hands on experiences. Study areas can include irrigation systems, energy saving systems or alternative house design.

## **What will students learn about?**

WH&S

Engineering materials

Engineering principles

The link between the environment and engineering technology.

## **What will students learn to do?**

Use a range of equipment and materials

Dismantle mechanisms

Design simple mechanisms

Develop strategies for going about solving a mechanical problem.

This subject is well suited to those students who have good manual ability and insight for understanding and asking how something works.

## **Record of School Achievement (RoSA)**

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

## **Subject Fee**

To cover the cost of consumable materials a fee of \$50.00 is charged to students selecting this subject.

# **Industrial Technology - Metal**

*N.B. students can only do a maximum of two Industrial Technology subjects in Stage 5*

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## **Course Description**

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

## **What will students learn about?**

All students will learn about the properties and applications of materials associated with various metals. They will study the range of tools, machines and processes available in both industrial and domestic settings for working with selected metals such as mild steel, galvanized, aluminum and brass. Students will learn about safe practices for practical work environments, including risk identification and minimization strategies. They will also learn about design including the communication of ideas and processes. Google Sketchup is an IT focus.

## **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 metals 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. This involves the use of specific software.

## **Record of School Achievement (RoSA)**

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

## **Subject Fee**

To cover the cost of consumable materials a fee of \$50.00 is charged to students selecting this subject.

# **Industrial Technology - Timber**

*N.B. students can only do a maximum of two Industrial Technology subjects in Stage 5*

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## **Course Description**

Industrial Technology develops students' knowledge and understanding of materials and processes in a range of technologies relating to the use of various timbers. They develop knowledge and skills relating to the selection, use and application of timber, tools, machines and processes through the planning and production of quality practical projects. eg foot stool, shelf unit, bedside table.

## **What will students learn about?**

All students will learn about the properties and applications of materials associated with various timbers. They will study the range of associated tools, machines and processes available in both industrial and domestic settings for working with timbers such as Pine, Tasmanian Oak and Merbau. Students will learn about safe practices for practical work environments, including risk identification and minimization strategies. They will also learn about design and designing including the communication of ideas and processes. Google Sketchup is an IT application focus.

## **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 woodworking techniques 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. This involves the use of specific software.

## **Record of School Achievement (RoSA)**

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

## **Subject Fee**

To cover the cost of consumable materials a fee of \$50.00 is charged to students selecting this subject.

# Mathematics (Mandatory)

## Course Description

Mathematics in K–10 provides students with knowledge, skills and understanding in Number and Algebra, Measurement and Geometry, and Statistics and Probability. It 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.

The ability to make informed decisions and to interpret and apply mathematics in a variety of contexts is an essential component of students' preparation for life in the 21st century. To participate fully in society, students need to develop the capacity to critically evaluate ideas and arguments that involve mathematical concepts or that are presented in mathematical form.

## What will students learn about?

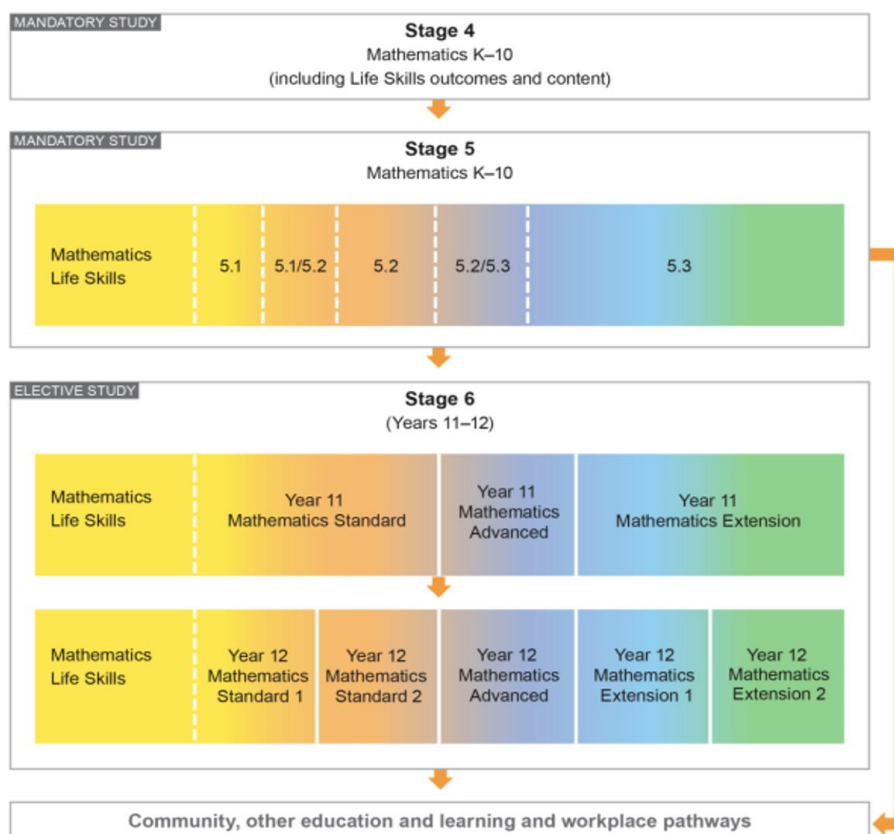
The *Mathematics K–10 Syllabus* contains the syllabus content for Early Stage 1 to Stage 5. Within each stage, the syllabus is organised into the three content strands, Number and Algebra, Measurement and Geometry, and Statistics and Probability, with the components of Working Mathematically integrated into these strands.

## What will students learn to do?

Students exhibit a wide range of mathematical skills, levels of competence, and aspirations. Some students may be aiming to develop the mathematical skills necessary to function in daily life and various work contexts. Other students may seek to address more challenging mathematics to prepare them for the highest-level courses in Year 11 and Year 12.

For this reason, Stage 5 of the K–10 Mathematics curriculum has been expressed in terms of the three substages, Stage 5.1, Stage 5.2 and Stage 5.3. These substages are not designed as prescribed courses, and many different 'endpoints' are possible. As well as studying the Stage 5.1 content, the majority of students will study some or all of the Stage 5.2 content. Similarly, as well as studying the Stage 5.2 content, many students will study some or all of the Stage 5.3 content.

Students should make a choice of substrand based upon advice from their teacher and future career aspirations. The following diagram may assist students with their choice.



## Record of School Achievement (RoSA)

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

# Music

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## **Course Description**

All students should have the opportunity to develop their musical abilities and potential. As an art form, 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?**

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 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 underpins 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 (RoSA)**

Satisfactory completion of Music during Stage 5 (Years 9 and/or 10) will also be recorded with a grade on the student's Record of School Achievement (RoSA).

# Physical Activity and Sports Studies

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## **Course Description**

This course allows students to enhance their capacity to participate effectively in physical activity and sport, leading to improved quality of life for themselves and others.

## **What will students learn about?**

Students will develop their knowledge, understanding and skills of physical activity and sport. They will study a range of topics including:

- The Human Body
- Event Management
- Lifesaving and CPR
- Disabled Sports
- Canoeing
- Sports Nutrition
- Sports Coaching
- Marketing
- Technology

## **What will students learn to do?**

Students will develop their personal skills to engage in efficient and enjoyable physical activities. They will practically apply theoretical concepts in contexts of increasing complexity, including a boot camp, sporting competitions, coaching primary school students and a canoeing expedition. They will also have the opportunity to gain a coaching certificate, Bronze Medallion Award and Cardiopulmonary Resuscitation Certificate.

## **Record of School Achievement (RoSA)**

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

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# ***Personal Development, Health & Physical Education (Mandatory)***

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## ***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 activities as they maximise movement potential.

Through PDHPE students develop knowledge understandings, skills, 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, interaction, problem-solving, decision-making, planning and moving.

## ***Record of School Achievement (RoSA)***

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

# ***Science (Mandatory)***

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## ***Course Description***

Science develops students' knowledge, understanding and skills to explain and make sense of the biological, physical and technological world, enabling them to make informed choices and responsible decisions as individuals and part of the community.

## ***What will students learn about?***

Through their study of science students develop a knowledge and understanding about the living and non-living world. Students examine the historical and ongoing contribution of scientists and the implications of this research on scientific knowledge, society, technology and the environment.

## ***What will students learn to do?***

Students work individually and in teams in planning and conducting investigations. They evaluate issues and problems, identify questions for inquiry and draw evidenced-based conclusions from their investigations. Through this problem-solving process they develop their critical thinking skills and creativity. They are provided with experiences in making informed decisions about the environment, the natural and technological world and in communicating their understanding and viewpoints.

## ***Course Requirements***

Practical experiences which emphasise hands-on activities will occupy a substantial amount of course time. All students will be required to undertake at least one research project during each of Stage 4 and 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 (RoSA)***

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



# ***Textiles Technology***

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## ***Course Description***

The study of Textiles Technology provides students with a broad knowledge of the properties, performance and uses of textiles. Fabrics, colouration, yarns and fibres are all 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 judgments 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 of study. The focus areas of textiles will influence the choice of student projects and these include: Apparel, Textile Arts, Furnishings, Non-apparel and Costume.

Project work or practical work is a significant component of this course. This is accompanied by supporting documentation.

## ***What will students learn to do?***

By examining the work of designers students will learn to be creative and to design textile items. Students will learn to select, use and manipulate appropriate materials, equipment and techniques to produce quality textile projects.

## ***Record of School Achievement (RoSA)***

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

# ***Visual Arts***

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## ***Course Description***

Visual Arts provides opportunities for students to develop their creative repertoire through the making and studying of art. The role of art is explored across the expressive forms to build understanding of the purpose of art 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.

## ***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, printmakers, 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 art world between the artist – artwork – world – audience. They also explore how their own lives and experiences can influence their art making 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 art making practice in their Visual Arts diary.

They learn to investigate and respond to a wide range of artists and artworks in art making, critical and historical studies. They also learn to interpret and explain the function of and relationships in the art world 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 (RoSA)***

Satisfactory completion of Visual Arts during Stage 5 (Years 9 and/or 10) will also be recorded with a grade on the student's Record of School Achievement (RoSA).

## ***Subject Fee***

To cover the cost of consumable materials a fee of \$50.00 is charged to students selecting this subject.

# ***Timetable for Subject Selection***

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**Monday 2<sup>nd</sup> September**

**Students return their signed electives form to the Front Office.**

**During Term 4**

**Electives formed into lines – in cases where students do not get their first choices, they will be allocated their backup preference. Any additional problems will be discussed with individual students.**





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