



# Loreto College

## Coorparoo

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Year 9 Subject Guide 2021



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# General Information

The Year 9 curriculum offers students a core of subjects that the school considers to be essential learning in the compulsory years. Consolidation and development of a knowledge base in these core subjects occurs throughout Year 9.

In Year 9, students are also able to select from a variety of year-long elective subjects which allows each student to pursue areas that may relate to career pathways, interests and abilities. Students must choose three year-long electives for Year 9.

## Year 9 Subjects

### Core Subjects – Compulsory for all Students

- English
- Mathematics
- Religion
- Science
- History
- Physical Activity and Wellbeing\*
- Personal Development

*\* Students will be allocated two lessons per cycle for Physical Activity & Wellbeing which will focus on physical activity and cover age appropriate and relevant health and wellbeing issues. Personal Development is also offered to all students for two lessons per cycle.*

### Elective Subjects

- Art
- Business
- Drama
- Geography
- Health and Physical Education
- Languages – French\* / German\* / Japanese\*
- Literacy & Numeracy Enrichment
- Music\*
- Technologies: Digital & Design
- Technologies: Food & Textiles

*\* This subject is an essential prerequisite for the study of comparable subjects in Years 10, 11 and 12.*

## Selecting Elective Subjects

A student's choice of Year 9 subjects can have an effect on job and career prospects, the availability of Senior courses, attitude to school life and personal well-being. It is important that considerable discussion takes place between parents and the student and, where necessary, with relevant subject teachers.

In choosing the most suitable subjects the following factors should be kept in mind:	
Achievement:	A student who has performed well in a subject in Year 7 and 8 would be likely to continue to do well in that subject.
Aptitude:	A student's natural abilities may be more suited to some subjects than to others.
Interests:	After exposure to a wide variety of subjects in Year 7 and 8 the student should have an idea of the subjects she enjoyed and found interesting.
Further studies:	The student should be mindful of necessary prerequisites or highly recommended subjects for the later progression to Years 10, 11 and 12 courses.

## Assessment

At the end of each semester a report will be issued identifying an overall level of achievement for each subject studied based on an 'A – E' scale.

- A – achieving an excellent standard of work
- B – achieving a good standard of work
- C – achieving a satisfactory standard of work
- D – experiencing some difficulty with her work
- E – experiencing very significant difficulty with her work

Levels of achievement are awarded according to the students satisfying the criteria set down in the school's work programs. Results in Years 9 and 10 will be taken into consideration when subject selection for Years 11 and 12 occurs.

## Changing Subjects

A well-considered and realistic choice of subjects should make a change of subject unnecessary. As a general rule, subject changes will only be considered in the first or last two weeks of a semester to minimise a detrimental impact on learning. Students should approach the Director of Studies to discuss the desirability and viability of a subject change.

## Homework

Home studies should take approximately 1½ to 2 hours for Year 9 students, five to six times per week. The girls should not be allowed to work very late at night nor to spend a whole weekend studying. On the other hand, a family commitment to a regular study program is necessary and should eliminate panic before exams. Students should plan a regular amount of time for each subject *whether homework is set or not*, and maintain their revision, learning, reading, research, practice, summarising, exercises, etc. as appropriate for particular subjects.

# Core Subjects

Year 9 English seeks to develop the study of the English language in a variety of modes and mediums in line with their maturity and interests. Students study a variety of literary and non-literary texts in three main genres: analytical, imaginative and persuasive. The study of English in Year 9 is aligned to the Australian Curriculum as indicated below.

## Objectives

The Australian English Curriculum aims to ensure that students:

- learn to listen to read, write, create and reflect on increasingly complex and sophisticated spoken, written and multimodal texts across a growing range of contexts with accuracy, fluency and purpose
- appreciate, enjoy and use the English language in all its variations and develop a sense of its richness and power to evoke feelings, convey information, form ideas, facilitate interaction with others, entertain, persuade and argue
- understand how Standard Australian English works in its spoken and written forms and in combination with non-linguistic forms of communication to create meaning
- develop interest and skills inquiring into the aesthetic aspects of texts and develop an informed appreciation of literature

## Structure

English is organised into three interrelated strands that supports students' growing understanding and use of English. Together the three strands focus on developing the students' knowledge, understanding and skills in listening, reading, viewing, speaking, writing and creating. The three strands are:

- Language: knowing about the English language
- Literature: understanding, appreciating, responding to, analysing and creating literature
- Literacy: expanding the repertoire of English usage

The students in Year 9 will study texts such as: novels, short stories, works of non-fiction, drama, poetry, media, multimodal, films, and documentaries.

English at Loreto College is organised into three bands: Foundation, Core, and Extension. These bands are designed to ensure the students are best placed where they can focus on their individual development and potential. A recommendation will be made as to where your daughter will be placed. The recommendation will identify the class in which your daughter would most likely gain the greatest increase in the depth of her understanding. This recognises the fact that a class that moves too quickly and a class that has too much repetition can both be of detriment to student learning. Placements in these banded classes are reviewed each semester and may result in movement throughout the year.

## Assessment

Assessment is continuous, undertaken in varying conditions and times throughout the course. The student's work is assessed in the following modes:

- Receptive modes (Understanding texts)
- Productive modes (Producing texts)

Each student's folio of work will be matched against the Australian Curriculum Achievement Standards of the year level. This will form the basis of a student's level of achievement.

There may be some adjustments to assessment items and conditions in the banded classes to cater for the learning needs for each class.

## Foundation English

Foundation English will provide the opportunity for selected students to receive carefully-paced instruction to develop their skills across persuasive, imaginative, and analytical texts. Eligible students will be invited to join the Foundation class that will be tailored towards supporting their development of communication skills and thinking skills. Key components of this class include:

- measured delivery of content and skills
- developing key literacy skills across reading comprehension, grammar, vocabulary, spelling, and punctuation
- fostering creativity and developing independence
- adjusted assessment and/or assessment conditions
- exposure to more manageable texts

Semester theme: Fiction vs reality		Semester theme: Identity vs influences	
Term 1: What lies between	Term 2: What lies they tell	Term 3: Identity around the world	Term 4: Identity in my world
Students engage with short story texts with a focus on important issues. Students will read a number of short stories to explore how writers position audiences on issues. They will learn how to identify perspectives and how some are ignored. They will challenge these by experimenting with gaps and silences in a re-interpretation of an existing story.	Students will engage with a range of media texts, to examine ways they are being influenced. They will develop an understanding of how the media reports on issues, particularly those relevant to teenagers. They will practice their own persuasive techniques in a persuasive speech about an issue that is important to them.	Students will read the novel <i>Parvana</i> . They will read the story as a class to understand the story, setting, and characters. They will learn to analyse the key themes and how to use evidence from a text. They will practice writing analytical essays about the novel and will write an essay under examination conditions.	Students will view short fictional texts that present versions of Australia e.g. episodes of popular television shows. They will investigate how these are designed to represent particular groups and reflect on their accuracy. They will practice writing engaging analytical texts in a blog.
Throughout all units, there will be targeted activities focused on developing core literacy skills.			

## Core English

Core English will provide opportunity for students to develop their skills across persuasive, imaginative, and analytical texts. Each class is tailored towards developing more complex thinking and communication skills. Key components of these classes include:

- appropriate delivery of content and skills
- further development of key literacy skills across reading comprehension, grammar, vocabulary, spelling, and punctuation
- fostering creativity and increased independence
- developing critical thinking skills and more flexible thinking
- exposure to a range of texts and genres

Semester theme: Fiction vs reality		Semester there: Identity vs expectations	
Term 1: What lies between	Term 2: What lies they tell	Term 3: Identity in my school	Term 4: Identity in my life
Students engage with short story texts with a focus on important issues. They will learn how to identify perspectives and how these privilege certain values, attitudes, and beliefs. They will challenge these by experimenting with gaps and silences in a re-interpretation of an existing story.	Students will engage with a range of persuasive texts, including media texts, to examine ways they are being positioned. They will in turn revise and refine their own persuasive techniques as they compose their own responses to a choice of teenage issues.	Students will read a novel that focuses on teenagers and identity in a school context - <i>Laurinda</i> . They will analyse the representation of teenagers and explore how the novel examines teenage issues of identity, belonging, and making choices. They will experiment with literary analysis through an essay exam.	Students will further explore representations of teenagers through a film study - <i>Muriel's Wedding</i> . They will examine the ways the filmmakers use a range of techniques to position audiences and represent particular attitudes, values, and beliefs. They will practice writing engaging analytical texts in a blog.
Throughout all units, there will be targeted activities focused on further developing core literacy skills.			

## Extension English

English will provide the opportunity for selected students to extend themselves and further develop their skills across persuasive, imaginative and analytical texts. Eligible students will be invited to join an Extension English class that will be tailored towards enhancing complex thinking and communication skills. Key components of this class include:

- accelerated delivery of content and skills
- consolidation of key literacy skills
- fostering creativity and independence
- building critical and flexible thinking
- exposure to more complex content as a result of their engagement with this class

Semester theme: Fiction vs reality		Semester there: Justice vs reality	
Term 1: What lies between	Term 2: What lies they tell	Term 3: Finding justice	Term 4: Embracing justice
Students engage with short story texts with a focus on important issues. They explore audience and purpose in imaginative texts and learn how to create and justify their own purpose in stories. They will experiment with gaps and silences in a re-interpretation of an existing story.	Students will engage with a range of media texts to examine ways they are being positioned. They will focus on the use of satire as social commentary and examine how it contributes to the public conversation about issues. They will create their own persuasive satirical text.	Students will read the novel <i>To Kill a Mockingbird</i> and analyse the characters and storyline to understand how audiences are positioned to accept ideas about justice. They will also learn about the importance of understanding context. They will experiment with literary analysis through an essay exam.	Students will further explore representations of justice through a documentary study - <i>In My Blood it Runs</i> . They will examine the ways the filmmakers use a range of techniques to position audiences to understand justice issues for Indigenous Australians. They will practice writing engaging analytical texts in a blog.
Throughout all units, there will be targeted activities focused on consolidating core literacy skills.			

## Additional Information

Contact: Mrs Shona Sunebeck - Curriculum Leader - English

The Australian Curriculum for Mathematics will be implemented, providing students with essential mathematical skills and knowledge in the content strands of Number and Algebra, Measurement and Geometry, and Statistics and Probability. The curriculum provides students with carefully paced, in-depth study of critical skills and concepts. It aims to encourage students to become self-motivated and confident learners of mathematics. The proficiency strands within the curriculum are Understanding, Fluency, Problem Solving, and Reasoning. Content will be assessed according to Australian Curriculum standard elaborations that categorise student achievement with the student's ability to engage with simple-familiar through to complex-familiar and -unfamiliar content.

## Objectives

In this course, students will:

- develop an increased level of fluency in the areas of Number and Algebra, Measurement and Geometry, and Statistics and Probability.
- develop an increasingly sophisticated understanding of mathematical concepts which can then be applied to problems that require reasoning and problem solving.
- make connections between the mathematics of the classroom and the mathematics of the world around them.
- develop the discipline of rigour, understanding that each step of mathematical learning must be built on what has come before.

## Structure

In Year 9, three bands of Mathematics will be offered; **Foundation Mathematics**, **Core Mathematics** and **Extension Mathematics**. A recommendation will be made as to where your daughter will be placed. The recommendation will identify the class in which your daughter would most likely gain the greatest increase in the depth of her understanding. This recognises the fact that a class that moves too quickly and a class that has too much repetition can both be of detriment to student learning. Placements in these banded classes are reviewed each semester and may result in movement throughout the year.

## Assessment

Each semester will consist of:

- Mid-semester test
- End semester test

There will be extended learning experiences and activities that may be used for summative assessment purposes.

## **Foundation Mathematics Course**

The Foundation Mathematics course will provide the opportunity for selected students to extend themselves and further develop their skills across patterns and algebra, measurement and geometry, chance and data. Eligible students will be invited to join a Foundation Mathematics class that will be tailored towards enhancing fundamental thinking and computational skills. The use of technology will be an integral part of this course.

## **Core Mathematics Course:**

The Core Mathematics course will provide the opportunity for selected students to extend themselves and further develop their skills across patterns and algebra, measurement and geometry, chance and data.

Students in the Core classes will be challenged to deepen their fundamental understandings and to apply their knowledge to more complex situations, where higher levels of reasoning and problem solving are required.

Whilst the topics covered in this course are the same as those covered in the Extension Mathematics Course, care is taken to ensure that students have foundational fluency before challenging the students to apply their knowledge to more complex situations.

## **Extension Mathematics Course:**

The Extension Mathematics course will provide the opportunity for selected students to extend themselves and further develop their skills across patterns and algebra, measurement and geometry, chance and data.

Eligible students will be invited to join an Extension Mathematics class that will be tailored towards enhancing complex thinking and communication skills. Key components of this class include:

- delivery of content and skills in more complex contexts;
- fostering creativity, discipline and independence;
- building critical and flexible thinking;
- exposure to more complex content as a result of their engagement with this class.

Whilst the topics covered in this course are the same as those covered in the Core Mathematics Course, foundational fluency is assumed, and students are challenged to apply this knowledge often to more complex situations.

## Extension Mathematics & Core Mathematics Course:

Term 1	Term 2	Term 3	Term 4
Linear and simultaneous equations Linear Relations	Pythagoras & Trigonometry Index Laws Probability. & Statistics	Algebraic techniques Measurement	Prob. & Stats Quadratics Surds

## Foundation Mathematics Course:

Term 1	Term 2	Term 3	Term 4
Linear and simultaneous equations Reviewing Number & Financial Maths	Pythagoras & Trigonometry Linear Relations	Algebraic techniques Measurement Probability	Geometry Indices Statistics

## Recommendations

- Students who experienced a great deal of difficulty at Year 8 level are advised to study Foundation Level Mathematics where all aspects of the Australian Curriculum will be studied at a basic level, aiming for understanding and competence at this level.
- Students who completed Year 8 Mathematics with little difficulty are advised to study Core Mathematics. Curriculum topics will be extended beyond a foundational level with harder concepts and problems being explored.
- Students will be selected to engage in Extension Mathematics depending on their overall level of achievement at the end of Year 8.
- A minimum of a good 'C' level in Year 9 Mathematics is a requirement for undertaking Introduction to Mathematics Methods in Years 10

## Additional Information

Contact: Mr Adrian Corrado - Curriculum Leader - Mathematics

At the heart of the Years 9 Religion and Ethics program lies the units of work written to complement the Religious Education Guidelines of the Archdiocese of Brisbane. The approach to this subject is a learning-based one; students are formally assessed and their progress in knowledge, process skills and communication skills is reported upon.

## Structure

Students complete four units over two semesters. Each unit involves one piece of assessment.

Term 1	Term 2	Term 3	Term 4
<p><b>Making Sense of Jesus</b></p> <p>Students investigate the main features of form criticism and narrative criticism, and analyse text structures and language features of selected miracle stories and parables. They further explore the foundational beliefs of Christianity, specifically, Incarnation, Resurrection and Ascension.</p>	<p><b>Women in the Hebrew Scriptures</b></p> <p>Students explore how we connect our understanding of women in the Hebrew scriptures to women in contemporary society and analyse stories from the Hebrew scriptures to reveal what can be learnt about women, and the attitudes and values of the time.</p>	<p><b>Let There be Light</b></p> <p>Students develop their understanding of good and evil. They consider sources of inspiration, strength and guidance for believers today.</p>	<p><b>Restoring the Balance</b></p> <p>Students to explore the imbalance between the rich and the poor in the world and ponder the reasons why people should and do care about this. They investigate social justice issues and what options they personally have to make a difference.</p>

## Assessment

- Assignment – progressive task
- Exam - extended response
- Exam - short response
- Investigation – inquiry response

## Additional Information

Contact: Mrs Newcombe - Curriculum Leader - Religion

The Junior Science program at Loreto College Coorparoo aims to develop an awareness of the applications and important place of science and technology in everyday life and the world around us. It is designed to build on the student's prior knowledge that they have gained through their formal education as well as from their everyday life experiences. An exciting part of the course for the students is the chance to further develop their practical laboratory and analytical skills in our well-equipped Science facility of six laboratories. A significant part of the course is hands-on and consequently students will also put into practice the important safety considerations and techniques to apply in such an environment. As well as acquiring new skills and content knowledge, students will explore Science as a human endeavour and how landmark discoveries have significantly changed people's understanding of the world and the universe. ICT is considered an integral part of Science study at Loreto and it is interwoven in all aspects of the course including teaching, student research and laboratory enquiry.

## Objectives

Science has three interrelated strands which are covered across all units: *Science Understanding*, *Science as a Human Endeavour* and *Science Inquiry Skills*.

The *Science Understanding* strand comprises four sub-strands:

- Biological Sciences
- Chemical Sciences
- Earth and Space Sciences
- Physical Sciences

There are two sub-strands of *Science as a Human Endeavour*. These are:

- Nature and Development of Science
- Use and Influence of Science

There are five sub-strands of *Science Inquiry Skills*. These are:

- Questioning and predicting
- Planning and conducting
- Processing and analysing data and information
- Evaluating
- Communicating

## Structure

The term units for Year 9 Science are:

Term 1	Term 2	Term 3	Term 4
Living Connections <ul style="list-style-type: none"><li>• Biology</li></ul>	Electrifying Earth <ul style="list-style-type: none"><li>• Physics</li><li>• Earth and Space Science</li></ul>	The Active Atom <ul style="list-style-type: none"><li>• Chemistry</li></ul>	Heat, Light and Sound <ul style="list-style-type: none"><li>• Physics</li></ul>

## Assessment

Assessment includes:

- Tests
- Experimental Investigations
- Written Assignments

## Additional Information

Contact: Mr Lourigan - Curriculum Leader - Science

History is a disciplined process of inquiry into the past that develops students' curiosity and imagination. Awareness of history is an essential characteristic of any society, and historical knowledge is fundamental to understanding ourselves and others. It promotes the understanding of societies, events, movements and developments that have shaped humanity from earliest times. It helps students appreciate how the world and its people have changed, as well as the significant continuities that exist to the present day.

## Objectives

The Year 9 History program is derived from the Australian Curriculum: History course descriptors, and aims to ensure that students develop:

- interest in, and enjoyment of, historical study for lifelong learning and work, including their capacity and willingness to be informed and active citizens
- knowledge, understanding and appreciation of the past and the forces that shape societies, including Australian society
- understanding and use of historical concepts, such as evidence, continuity and change, cause and effect, perspectives, empathy, significance and contestability
- capacity to undertake historical inquiry, including skills in the analysis and use of sources, and in explanation and communication.

## Structure

The Year 9 History program focuses on the history of the making of the modern world from 1750 to 1918. The course is structured around three depth studies that will be taught across the year.

Term 1	Term 2	Term 3	Term 4
Beyond Freedom's Reach:	Off with Her Head:	Courage and Sacrifice:	
Slavery and convicts	Revolution in France	Empire Building and World War One	

## Assessment

Students will complete one assessment item per term and over the course of the year will encounter the following types of assessment:

- Short response examination to historical sources
- Extended written response to historical evidence
- Historical essay based on research
- Independent source investigation

## Additional Information

Contact: Mrs Diane Hanson - Curriculum Leader – Humanities

# Elective Subjects

Learning in Visual Arts involves students making and responding to artworks, drawing on the world as a source of ideas. Students engage with the knowledge of visual arts, develop skills, techniques and processes, and use materials as they explore a range of forms, styles and contexts.

Through Visual Arts, students learn to reflect critically on their own experiences and responses to the work of artists, craftspeople and designers and to develop their own arts knowledge and preferences. They learn with growing sophistication to express and communicate experiences through and about visual arts.

Making in Visual Arts involves students making representations of their ideas and intended meanings in different forms. Students select the visual effects they want to create through problem-solving and making decisions. They develop knowledge, understanding and skills as they learn and apply techniques and processes using materials to achieve their intentions in two-dimensional (2D) and three-dimensional (3D) forms.

Responding in Visual Arts involves students responding to their own artworks and being audience members as they view, manipulate, reflect on, analyse, enjoy, appreciate and evaluate their own and others' visual artworks.

Both making and responding involve developing practical and critical understanding of how the artist uses an artwork to engage audiences and communicate meaning.

[\(https://www.australiancurriculum.edu.au/f-10-curriculum/the-arts/visual-arts/rationale/\)](https://www.australiancurriculum.edu.au/f-10-curriculum/the-arts/visual-arts/rationale/)

### **Objectives**

The Arts, visual arts knowledge, understanding and skills ensure that, individually and collaboratively, students develop:

- conceptual and perceptual ideas and representations through design and inquiry processes
- visual arts techniques, materials, processes and technologies
- critical and creative thinking, using visual arts languages, theories and practices to apply aesthetic judgement
- respect for and acknowledgement of the diverse roles, innovations, traditions, histories and cultures of artists, craftspeople and designers; visual arts as social and cultural practices; and industry as artists and audiences
- confidence, curiosity, imagination and enjoyment
- a personal aesthetic through engagement with visual arts making and ways of representing and communicating.

[\(https://www.australiancurriculum.edu.au/f-10-curriculum/the-arts/visual-arts/aims/\)](https://www.australiancurriculum.edu.au/f-10-curriculum/the-arts/visual-arts/aims/)

## Structure

Across the four terms of Art, students will learn about different viewpoints or contexts for making and responding to art. A variety of media will be utilised to create artworks, including painting, drawing, printmaking, sculpture, design and/or digital imaging.

Term 1	Term 2	Term 3	Term 4
<p><b>Embellishment</b></p> <p>This unit explores the concept of aesthetics through the use of visual language and artistic conventions in a 3D artwork, to create embellished sculptural forms.</p> <p>Throughout the unit, making and responding tasks explore artworks within personal and formal contexts.</p> <p>Using the Inquiry Learning Model, students will explore inspirational artist work to analyse concepts, different artistic viewpoints, visual language and conventions.</p> <p>Students will complete responding tasks based on the concepts expressed in the stimulus art forms. The final student work will be accompanied by a written artist statement.</p>	<p><b>Personal Stories</b></p> <p>This unit explores the concept of the narrative in art, focussing on personalised symbolism and media techniques in the production of a 2D folio, using media such as drawing, painting and/or digital imagining.</p> <p>Throughout the unit, making and responding tasks explore artworks within personal and formal contexts.</p> <p>Using the Inquiry Learning Model, students will explore inspirational artist work to analyse concepts, symbolism, visual language and conventions.</p> <p>Students will complete responding tasks based on the concepts expressed in the stimulus art forms. The final student work will be accompanied by a written artist statement.</p>	<p><b>Social Icons</b></p> <p>This unit explores the visual communication of social and cultural issues using contemporary art practices. Teacher-directed symbolic devices will be explored, such as appropriation, metaphor and recontextualization, in 2D, 3D and/or time-based media.</p> <p>Throughout the unit, making and responding tasks explore artworks within cultural and contemporary contexts.</p> <p>Using the Inquiry Learning Model, students will explore inspirational artist work to analyse concepts. Students will also investigate how artists use visual language and expression, conventions and symbolic devices to persuade and communicate ideas.</p> <p>Students will complete responding tasks based on the analysis and interpretation of symbolic conventions in the stimulus art forms. The final student work will be accompanied by a written artist statement.</p>	

## Assessment

Assessment for Visual Art will take a variety of forms, including:

- **Making Tasks:**
  - Folios – artworks supported by visual journal work documenting development, research reflection and resolution
- **Responding Tasks:**
  - Written analysis tasks responding to the work of mentor artists used in the production of their own work
  - An artist statement written in response to their own work

## ***Recommendations***

It is strongly recommended that students intending to select Visual Art in Year 10 or Senior complete the Year 9 course in preparation for future studies.

## **Additional Information**

Contact: Ms Stephanie Tudor – Curriculum Leader – Creative Arts

# Business

## Year Long Subject

Elective

Year 9 Business provides students with skills and knowledge necessary in life. Moreover, it lays the foundations for Accounting, Economics and Legal Studies in senior. It provides students with the understandings and skills from the Australian Curriculum for both Economics & Business and Civics & Citizenship.

Business activity affects the daily lives of all Australians as they work, spend, save, invest, travel and play. It influences jobs, incomes and opportunities for personal enterprise. "Business" refers to enterprising endeavours undertaken to meet human needs and wants. Business, economic and legal activities effect and present a range of challenges to individuals and members of groups and organisations in their roles as active and informed citizens, consumers, workers or entrepreneurs.

These challenges may include:

- participating as an active and responsible citizen in business environments in response to individual, group, local, national and global needs
- making consumer decisions to meet the needs and wants of self and others
- managing scarce resources to meet the necessary business, economic and legal requirements for sustainability
- entering into contractual agreements and managing personal finances, investments and records
- owning or managing a business, enterprise or venture.

Business education is important for students in their secondary schooling. In this phase of schooling, they gain a degree of independence in accumulating and managing finances, making decisions about goods and services, and acquiring legal rights and responsibilities as citizens. Students studying business will develop effective decision-making skills related to consumer behaviour and the management and evaluation of personal financial matters. The skills will result in improved economic, consumer and financial literacy.

## Objectives

The Australian Curriculum: Economics & Business and Civics & Citizenship is organised in two related strands: knowledge & understanding and inquiry & skills.

- Economics and Business knowledge refers to the facts, principles, theories and models developed in business and economics. Understanding is the ability to see the relationships between concepts and the interdependence of sectors of the economy.
- The civics and citizenship knowledge and understanding strand comprises three key focus areas or sub-strands at each year level: government and democracy; laws and citizens; and citizenship, diversity and identity.
- The inquiry and skills strand focuses on the skills of questioning and research; interpretation and analysis; economic reasoning, decision-making and application; problem-solving and communication and reflection.

## Structure

Topics covered include:

Accounting	Consumer Rights	Economics	Business Management
<ul style="list-style-type: none"> <li>• Investment options</li> <li>• Industry sectors</li> <li>• Business structures</li> <li>• Elements of accounting</li> </ul>	<ul style="list-style-type: none"> <li>• Buy Smart Competition</li> <li>• Spending &amp; scams</li> <li>• The political system and choices</li> <li>• Contracts &amp; types of law</li> </ul>	<ul style="list-style-type: none"> <li>• Needs and wants</li> <li>• Scarcity</li> <li>• Opportunity cost</li> <li>• Production possibility curve</li> <li>• Cost benefit analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Marketing</li> <li>• Human resource management</li> <li>• Business Planning</li> <li>• Entrepreneurship</li> </ul>

## Assessment

The assessment includes assignments, projects and exams. These tasks can be short response, extended response and practical items. Students will complete a maximum of one piece of assessment per term.

## Additional Information

Contact: Mr Matthew Preston - Curriculum Leader – Business

# Drama

## Year Long Subject

Elective

The Year 9 Drama course fosters creative and expressive communication. Through a range of dramatic experiences, students uncover the complexities of relationships and gain a deep understanding of themselves and their peers. Through the study of contemporary Australian plays, they develop empathy for individuals in a variety of situations, thus broadening their understanding of the world in which they live. Students learn to express their opinions and justify their choices about thought provoking social issues and are encouraged to challenge stereotypes, consider others' perspectives and continually explore how Drama works to reflect and challenges the lives we lead. Through their active involvement in drama activities, students will gain confidence and develop competence in their ability to communicate effectively and dynamically with others, thus developing 21<sup>st</sup> century skills that are valued beyond the Drama classroom.

### Objectives

- Demonstrate, analyse and interpret the dramatic languages to create dramatic action and meaning
- Apply literacy skills
- Interpret purpose, context and text to communicate dramatic meaning
- Evaluate, justify and synthesise to argue a position about dramatic action and meaning
- Develop appropriate Drama vocabulary to communicate and express ideas about Drama
- Confidence and self-esteem to explore, depict and celebrate human experience, take risks and challenge their own creativity through drama
- Knowledge and understanding in controlling, applying and analysing the elements, skills, processes, forms, styles and techniques of drama to engage audiences and create meaning
- A sense of curiosity, aesthetic knowledge, enjoyment and achievement through exploring and shaping roles, and manipulating situations, actions and ideas as drama makers and audiences
- Practise and refine the expressive capacity of voice and movement to communicate ideas and dramatic action in a range of forms, styles and performance spaces
- Perform devised and scripted drama making deliberate artistic choices and shaping design elements to unify dramatic meaning for an audience
- Evaluate how the elements of drama, forms and performance styles in devised and scripted drama convey meaning and aesthetic effect

### Structure

Term 1	Term 2	Term 3	Term 4
<b>Text – House on Fire</b> Through the exploration of an Australian play, students learn about three sisters who are coping with a life-changing situation that affects their relationship with each other and their friends.		<b>Beauty and Truth</b> Working in the style of Collage Drama, this semester challenges students to devise their own performance to make a social comment about the ideas of beauty and truth. Students collaborate as an ensemble to shape an original work that	

Working in the style of Realism, students refine and extend their understanding and use of role, character, relationships and situation. They extend the use of voice and movement to sustain belief in character, and develop directing skills to demonstrate this.

Working as an individual and within an ensemble, students interpret a script to manipulate action and shape meaning.

### **The Scene Project**

Working with a never before performed script, students build on their interpretive and directing skills to explore the creative process of performance, from page to stage. Working with Queensland Theatre's Scene Project, students workshop a new work and create their own unique version of the play.

Through this process, students explore meaning and interpretation, forms and elements and social, cultural and historical influences of drama. They evaluate actors' success in expressing the directors' intentions and the use of expressive skills in drama they view and perform.

celebrates the beauty of women, but also reveals the underlying truths of their experiences.

Through wide exploration of a variety of dramatic conventions such as improvisation, performance poetry, stylised movement, narration and transformation, students shape drama for audiences using narrative and non-narrative dramatic forms and production elements.

## **Assessment**

**Two Group Performances:** Individual annotated script, one scripted, another student-devised

**Directorial Vision:** Communicate and justify ideas for a script performance

**Responding Exam:** Individual response to live or recorded theatre.

## **Recommendations**

Students of Drama are encouraged to participate in cultural activities beyond the classroom. Attendance at live theatre offered both within and outside the school context is recommended.

## **Additional Information**

Contact: Ms Stephanie Tudor – Curriculum Leader – Creative Arts

In a world of increasing global integration and international mobility, it is critical to the wellbeing and sustainability of the environment and society that young Australians develop a holistic understanding of the world. This requires deep knowledge and understanding of why the world is the way it is and the interconnections between people, places and environments over place and time. (Australian Curriculum)

## Objectives

The Year 9 Geography course aims to **ensure that students develop:**

- a sense of wonder, curiosity and respect about places, people, cultures and environments throughout the world
- a deep geographical knowledge of their own locality, Australia, the Asia region and the world
- the ability to think geographically, using geographical concepts
- the capacity to be competent, critical and creative users of geographical inquiry methods and skills
- the skills to be informed, responsible and active global citizens who can contribute to the development of an environmentally and economically sustainable, and socially just world.

## Structure

The Year 9 Geography Course is based around the Australian Curriculum Year 9 strands of Geographies of Interconnections and Biomes and Food Security.

Term 1	Term 2	Term 3	Term 4
<p><b>“Wipe out Waste”</b></p> <p><b>An Inquiry into the connection between Food Security and Food Waste</b></p> <p><i>Food is at the centre of every person’s life. Whilst there is currently enough food produced in the world today to feed everyone, many still don’t have sufficient access to food. This unit looks at some key measures we can undertake at a local scale to improve food security for all.</i></p>	<p><b>Refugees – People on the Move</b></p> <p><i>This unit focuses on the <u>complex issues</u> surrounding the movement of people around the world, particularly in terms of refugees and those seeking asylum. It is a unit that is at the heart of social justice and good global citizenship.</i></p>	<p><b>“Destination: Unknown”</b></p> <p><b>Are we loving our favourite tourism destinations to death?</b></p> <p><i>This unit examines the <u>interconnections</u> between people and places through the industry of tourism. An inquiry into the impacts of tourism on various destinations will be undertaken. The focus of this unit is sustainability.</i></p>	<p><b>“Our World, Our Heritage, Your Future”</b></p> <p><b>Sustaining our Natural and Cultural Heritage Sites</b></p> <p><i>Our cultural and natural heritage are both irreplaceable sources of life and inspiration. However, some of these sites could be at risk of being lost to future generations if action is not taken now to conserve these areas of universal outstanding value.</i></p>

## Assessment

Assessment will be a combination of both research investigations and supervised examinations.

## Additional Information

Contact: Mrs Diane Hanson - Curriculum Leader – Humanities – Geography and History (Acting)

# Health & Physical Education

## Year Long Subject

Elective

This year long subject is available to all students. Health & Physical Education in Year 9 is a theoretically and practically based subject which provides the opportunity to study formation theoretical practices and introduces students to a variety of activities and sports. It involves the study of health concerns and movement concepts, while engaging students as intelligent performers. This subject focuses on the complexity of, and interrelationships amongst, psychological and sociological factors which influence individual and team physical performances. In addition, wider contemporary health issues relevant to individuals, families and the wider community are investigated and analysed. Students are assessed in the *Movement and Physical Activity* units as well as units which cover *Personal, Social and Community Health* in line with the *Australian Curriculum—HPE*.

### Objectives

By the conclusion of the course of study, students will:

- recognise and explain concepts and principles about movement and health
- demonstrate specialised movement sequences and movement strategies
- apply concepts to health and specialised movement sequences
- analyse and synthesise data to devise strategies about movement and health
- evaluate strategies in movement
- evaluate strategies about movement and health

### Structure

Topics may change depending on the availability of facilities and resources. Possible topics studied include:

Personal, Social and Community Health:	Movement & Physical Activity:
Biomechanics Health Systems Team Psychology Mental Health	Volleyball/Basketball Striking Games Oz Tag/Touch/Soccer Aquathlon/Water Fitness

### Assessment

Each *Movement and Physical Activity* unit is assessed using observations in isolated and authentic environments such as game play or routines performed individually or in groups, specific to the activity being covered.

Each *Personal, Social and Community Health* unit will be assessed using either a multi-modal presentation, written exam or research assignment.

### Additional Information

Contact: Mr Christopher Jones - Curriculum Leader – Health & Physical Education

# Languages – French

## Year Long Subject

Elective

Learning languages broadens students' horizons in relation to the personal, social, cultural and employment opportunities that an increasingly interconnected and interdependent world presents. The interdependence of countries and communities means people in all spheres of life are required to negotiate experiences and meanings across languages and cultures. Despite its status as a world language, a capability in English only is no longer sufficient. A bilingual or plurilingual capability is the norm in most parts of the world.

Learning languages:

- extends the capability to communicate and extends literacy repertoires
- strengthens understanding of the nature of language, of culture, and of the processes of communication
- develops intercultural capability
- develops understanding of and respect for diversity and difference, and an openness to different experiences and perspectives
- develops understanding of how culture shapes worldviews and extends learners' understanding of themselves, their own heritage, values, culture and identity
- strengthens intellectual, analytical and reflective capabilities, and enhances creative and critical thinking.

Learning languages also contributes to strengthening the community's social, economic and international development capabilities. Language capabilities represent linguistic and cultural resources through which the community can engage socially, culturally and economically, in domains which include business, trade, science, law, education, tourism, diplomacy, international relations, health and communications. (*The Australian Curriculum: Languages*)

## Objectives

The Australian Curriculum: Languages aims to develop the knowledge, understanding and skills to ensure students:

- communicate in the target language
- understand language, culture, and learning and their relationship, and thereby develop an intercultural capability in communication
- understand themselves as communicators.

These three aims are interrelated and provide the basis for the two organising strands: Communicating and Understanding. The three aims are common to all languages.

(*The Australian Curriculum: Languages*)

## Structure

Learning experiences develop students' capacity to

- use language for communicative purposes through socialising, informing, creating, translating and reflecting.
- analyse and understand systems of language, language variation and change and the role of language and culture
- live and work successfully in the 21st century with a focus on literacy, numeracy, ICT capability, critical and creative thinking, personal and social capability, ethical and intercultural understanding.

Term 1	Term 2	Term 3	Term 4
<b>On part en France – Let's go to France!</b>  Discover French fashion stores  Explore the best places to visit in France  Compare and select accommodation  Learn about famous French festivals	<b>Mes vacances préférées – My favourite holidays</b>  Talk about past experiences  Describe recent holidays (activities, weather, accommodation)  Discuss and ask questions about past holidays  Discover Aquitaine and our sister school	<b>Manger à la française – Eating French style</b>  Order meals in a restaurant and buy food at the markets  Understand French recipes  Analyse the influence of French cuisine in the world  Cook French food  Compile a bilingual recipe book	<b>Etre touriste en France – Being a tourist in France</b>  Discuss health and medical issues  Visit the pharmacy  Explore France with public transport  Shop for souvenirs  Discover Paris & the Loire Valley

Learners use written and spoken French to interact with peers, teachers and some other French speakers in local contexts and online environments. These exchanges are complemented by interactions with rich and varied language resources and materials. Learners may participate in local community events such as Alliance Française activities, music or film festivals, or exchange-student hosting.

## Texts and resources

Learners engage with a range of language-learning texts and support materials, such as textbooks, videos, apps, media texts and online materials. They also draw increasingly on texts produced for French-speaking communities, in a range of different times and contexts, such as short stories, songs, poems, newspaper reports, films, video clips, blogs and social media texts. (*The Australian Curriculum: Languages – French*)

## Assessment

There is one test per term which assesses the following skills:

Understanding of the target language

Communicating in the target language

## Recommendations

This course is available to students who have completed French in Years 7 and 8 and obtained at least a C standard at the end of Year 8.

## Additional Information

Contact: Ms Louise Tilly - Curriculum Leader – Languages

# Languages - German

## Year Long Subject

Elective

Learning languages broadens students' horizons in relation to the personal, social, cultural and employment opportunities that an increasingly interconnected and interdependent world presents. The interdependence of countries and communities means people in all spheres of life are required to negotiate experiences and meanings across languages and cultures. Despite its status as a world language, a capability in English only is no longer sufficient. A bilingual or plurilingual capability is the norm in most parts of the world.

Learning languages:

- extends the capability to communicate and extends literacy repertoires
- strengthens understanding of the nature of language, of culture, and of the processes of communication
- develops intercultural capability
- develops understanding of and respect for diversity and difference, and an openness to different experiences and perspectives
- develops understanding of how culture shapes worldviews and extends learners' understanding of themselves, their own heritage, values, culture and identity
- strengthens intellectual, analytical and reflective capabilities, and enhances creative and critical thinking.

Learning languages also contributes to strengthening the community's social, economic and international development capabilities. Language capabilities represent linguistic and cultural resources through which the community can engage socially, culturally and economically, in domains which include business, trade, science, law, education, tourism, diplomacy, international relations, health and communications. (*The Australian Curriculum: Languages*)

## Objectives

The Australian Curriculum: Languages aims to develop the knowledge, understanding and skills to ensure students:

- communicate in the target language
- understand language, culture, and learning and their relationship, and thereby develop an intercultural capability in communication
- understand themselves as communicators.

These three aims are interrelated and provide the basis for the two organising strands: Communicating and Understanding. The three aims are common to all languages. (*The Australian Curriculum: Languages*)

## Structure

Learning experiences develop students' capacity to:

- use language for communicative purposes through socialising, informing, creating, translating and reflecting.
- analyse and understand systems of language, language variation and change and the role of language and culture
- live and work successfully in the 21st century with a focus on literacy, numeracy, ICT capability, critical and creative thinking, personal and social capability, ethical and intercultural understanding.

Semester 1	Semester 2
<p><b>Life in a German town</b></p> <ul style="list-style-type: none"> <li>• The German town of Hannoversch Münden</li> <li>• Popular travel destinations in Germany</li> <li>• Friedensreich Hundertwasser - an Austrian-born New Zealand visual artist and architect</li> </ul> <p><b>A weekend excursion</b></p> <ul style="list-style-type: none"> <li>• Restaurant etiquette in German-speaking countries</li> <li>• Popular fast foods</li> <li>• Ordering and paying for a meal</li> </ul> <p><b>Mach Sport! Do Sport!</b></p> <ul style="list-style-type: none"> <li>• The role of sport in German culture and everyday life</li> <li>• Favourite sports (Handball, extreme sports, foreign sports, winter sports)</li> <li>• Focus on Football</li> </ul>	<p><b>Gesundheit! Good Health!</b></p> <ul style="list-style-type: none"> <li>• Health and wellbeing including spa culture and Nordic walking</li> <li>• Pharmacies and chemists</li> <li>• Symptoms of ill health; body parts</li> <li>• Medical system, hospitals and personnel</li> </ul> <p><b>The Household</b></p> <ul style="list-style-type: none"> <li>• Well-known German, Swiss and Austrian appliances and products</li> <li>• Housing and living arrangements in German-speaking countries</li> <li>• Household tasks</li> <li>• Different rooms and furnishings</li> </ul> <p><b>Shopping</b></p> <ul style="list-style-type: none"> <li>• Department stores, supermarkets and small shops</li> <li>• Opening hours, payment, clothing sizes, trying clothes on</li> </ul>

Learners interact with teachers, peers and members of German-speaking communities face-to-face and via digital technologies. They may also have opportunities to engage with German speakers and cultural events in the wider community, such as in the media, guest speakers, exchange students, language assistants, film festivals or community events.

## Texts and resources

Learners build on and extend their knowledge of different types of text and language functions through balancing focused attention to language forms and structures with text creation and performance. They work with a wider range of fiction and nonfiction texts, which allows for exploration of themes of personal and societal relevance, for example, global issues, identity and relationships, diversity and inclusivity. They develop additional analytical tools, including consideration of literary form and devices, and ways in which language choices empower, build identity and are influenced by audience, context and purpose. They identify how texts shape perspectives and meaning. (*The Australian Curriculum: Languages – German*)

## Assessment

There is one test per term which assesses the following skills:  
 Understanding of the target language  
 Communicating in the target language

## Recommendations

This course is available to students who have completed German in Years 7 and 8 and obtained at least a C standard at the end of Year 8.

## Additional Information

Contact: Ms Louise Tilly - Curriculum Leader – Languages

# Languages - Japanese

## Year Long Subject

Elective

Learning languages broadens students' horizons in relation to the personal, social, cultural and employment opportunities that an increasingly interconnected and interdependent world presents. The interdependence of countries and communities means people in all spheres of life are required to negotiate experiences and meanings across languages and cultures. Despite its status as a world language, a capability in English only is no longer sufficient. A bilingual or plurilingual capability is the norm in most parts of the world.

Learning languages:

- extends the capability to communicate and extends literacy repertoires
- strengthens understanding of the nature of language, of culture, and of the processes of communication
- develops intercultural capability
- develops understanding of and respect for diversity and difference, and an openness to different experiences and perspectives
- develops understanding of how culture shapes worldviews and extends learners' understanding of themselves, their own heritage, values, culture and identity
- strengthens intellectual, analytical and reflective capabilities, and enhances creative and critical thinking.

Learning languages also contributes to strengthening the community's social, economic and international development capabilities. Language capabilities represent linguistic and cultural resources through which the community can engage socially, culturally and economically, in domains which include business, trade, science, law, education, tourism, diplomacy, international relations, health and communications. (*The Australian Curriculum: Languages*)

## Objectives

The Australian Curriculum: Languages aims to develop the knowledge, understanding and skills to ensure students:

- communicate in the target language
- understand language, culture, and learning and their relationship, and thereby develop an intercultural capability in communication
- understand themselves as communicators.

These three aims are interrelated and provide the basis for the two organising strands: Communicating and Understanding. The three aims are common to all languages.

(*The Australian Curriculum: Languages*)

## Structure

Learning experiences develop students' capacity to

- use language for communicative purposes through socialising, informing, creating, translating and reflecting.
- analyse and understand systems of language, language variation and change and the role of language and culture
- live and work successfully in the 21st century with a focus on literacy, numeracy, ICT capability, critical and creative thinking, personal and social capability, ethical and intercultural understanding.

Term 1	Term 2	Term 3	Term 4
<p><b>My favourite things!</b></p> <p>Talk about hobbies</p> <p>Discuss various activities and frequency.</p> <p>Describe people's physical appearance/ personality and abilities.</p> <p>Explore how anime and manga are used in Japanese society and festivals.</p>	<p><b>Let's celebrate!</b></p> <p>Talk about how you celebrate special occasions.</p> <p>Discuss past events.</p> <p>Say how old you were when a significant event happened.</p> <p>Discover important celebrations/festivals in Japan and their meaning</p>	<p><b>Making friends.</b></p> <p>Discuss your nationality, birthplace and where you grew up.</p> <p>Talk about the languages you and others speak.</p> <p>Compare personal milestones for Australian and Japanese teenagers.</p> <p>Learn about changes to traditional Japanese society.</p>	<p><b>Going to town!</b></p> <p>Discuss Australian and Japanese fast foods.</p> <p>Ask and say where you shop/ how much something costs.</p> <p>Arrange an outing.</p> <p>Accept or decline invitations.</p> <p>Compare popular fast foods, department stores and teenagers' lives in Japan and Australia.</p>

Learners use written and spoken Japanese to interact with peers, teachers and other speakers of the language in immediate and local contexts and may also interact with other Japanese speakers through online environments.

## Texts and resources

Learners engage with a range of language-learning texts and supporting materials, such as textbooks, modified and authentic texts, film/video clips, media texts and online materials. They also draw increasingly on texts produced for young people in Japan, such as short stories, songs, poems, films, video clips, blogs and social media texts. (*The Australian Curriculum: Languages – Japanese*)

## Assessment

There is one test per term which assesses the following skills:

Understanding of the target language

Communicating in the target language

## Recommendations

This course is available to students who have completed Japanese in Years 7 and 8 and obtained at least a C standard at the end of Year 8.

## Additional Information

Contact: Ms Louise Tilly - Curriculum Leader – Languages

# Literacy & Numeracy Enrichment

Year Long Subject – *Invitation Only*

Elective

These are courses that have been specially designed to improve students' literacy and numeracy skills. The courses are intended specifically for those students who may be experiencing difficulties with numeracy and/or literacy. Classes are kept as small as possible in order to give students extra time with the teacher and the opportunity to receive the reinforcement they need to meet their individual requirements.

## Content

Students will be given support in such areas as:

- Reading comprehension
- Writing
- Research skills – summarising, note taking, developing key questions
- Thinking skills and problem solving
- Numeracy

Students will receive one lesson of Numeracy Enrichment, one lesson of Literacy Enrichment and one lesson of assignment help per week.

## Assessment

There will be no formal assessment in this subject.

## Additional Information

Contact: Mrs Ruth Goldney - Learning Enrichment Coordinator

# Music

## Year Long Subject

Elective

The Year 9 Music course concentrates on building a student's musical abilities and confidence. It allows for the expression of intellect, imagination and emotion by making and responding to music. Students will experience a wide range of musical genres and styles; develop skills in creating and playing music, experiment with the use of technology and develop knowledge, skills and music theory concepts beyond those achievable by playing/singing in the ensemble program or by taking private instrumental lessons. In an age of change, Music aims to prepare students for a future of unimagined possibilities. The transferrable skills developed through a Music education, such as the capacity for flexible thinking and doing, will ensure students are equipped with 21st century skills they can apply outside the Music classroom.

## Objectives

- Enjoy and value music and engage confidently in music-making
- Employ a variety of music-related technologies including instruments, computer software, recording and amplification equipment
- Demonstrate technical skills by developing a sound knowledge of music theory
- Develop skills in music performance including solo performance, group performance and work in rock bands
- Develop skills in composition including song writing, accompaniment writing and scoring for drum kit
- Develop appropriate music vocabulary to communicate and express ideas about music
- Evaluate, analyse and interpret music in a variety of contexts and styles

## Structure

Term 1	Term 2	Term 3	Term 4
<b>GREATEST HITS:</b> In this semester unit students explore what makes a song a 'Greatest Hit'. In particular, students will unpack the key musical elements in a piece of music and understand how these elements work together to create a popular hit.		<b>IN THE MOOD:</b> In this unit students explore how music can manipulate a listener's mood. Through looking at a wide variety of musical genres, from film scores to the blues, students will discover how composers and performers can have a lasting and emotional impact on their audience.	

## Assessment

- **Performing:** Which may include solo and/or ensemble
- **Composing:** Original pieces and songs, or arrangements of existing music
- **Musicology Tasks:** Incorporating listening, score reading, and the application of the elements of music

## Recommendations

Students of the Performing Arts are encouraged to participate in cultural activities beyond the classroom. Attendance at live theatre, musicals, concerts and events offered both within and outside the school context is recommended.

Additional areas of study including Instrumental Music will be complementary to this subject area.

## Additional Information

Contact: Ms Stephanie Tudor – Curriculum Leader – Creative Arts

# Technologies: Digital & Design

## Year Long Subject

Elective

Technology in the Australian Curriculum is made up of two related strands, **Digital Technologies** and **Design and Technology**. This course combines elements of both.

### Objectives

**Technology: Digital and Design** focuses on developing problem solving skills that can be used in a range of real world situations. Students will combine Design concepts with digital tools and software applications to come up with their own unique solutions to a variety of problems.

### Structure

Students will experience the following:

Term 1	Term 2	Term 3	Term 4
Students build and code Lego EV3 Robots and then program them to solve a series of challenges. This involves engineering and coding. Students work collaboratively and individually to create their solutions.	Students use CAD software to create and print 3D models. The models are based on design problems and require students to create solutions for specific clients. Students also manufacture their own computer games using an application called Gamemaker.	Students use Coco software and a range of hardware devices as part of a Control Technology unit. This involves analysing real world problems and then writing code to solve them. The code is tested using hardware that is plugged into their laptops and then refined as necessary.	Students use Minecraft Edu to explore Mars. This involves students surviving as long as possible, in a virtual world, using a range of strategies. Students keep a space journal detailing the problems that arise and how they solve them.

### Assessment

Students are assessed against two criteria:

- Knowledge and understanding
- Processes and production skills

### Additional Information

Contact: Mr Russ Morgan - Curriculum Leader – Technologies: Digital & Design or visit the Digital Technologies portal at <http://dt.loreto.qld.edu.au/>

# Technologies: Food & Textiles

## Year Long Subject

Elective

Technologies: Food and Textiles is a year-long course of study within the Design and Technologies subject from the learning area of Technologies within the Australian Curriculum. The course consists of one semester of Food Technology and one semester of Textiles Technology. Students use Design and Technologies knowledge and understanding, processes and production skills and design thinking to produce solutions. Problem-solving approaches to learning and assessment have real life context, acknowledge the complexities of contemporary life and make connections to related specialised occupations and further study. Throughout the course of study, students use creativity, innovation and problem-solving skills with increasing confidence, independence and collaboration. Career paths in health and nutrition, textiles and fashion, hospitality, event management and interior design or decorating are connected to the study of Technologies: Food and Textiles.

### Dimensions

1. Knowing and Understanding
2. Designing solutions
3. Producing solutions

### Structure

Term 1	Term 2	Term 3	Term 4
<b>Food Technology</b>		<b>Textiles Technology</b>	
<p>In this unit, <i>Fresh is Best</i>, students will focus on the Technologies context of Food specialisations which includes the application of knowledge related to food sustainability and nutrition and the characteristics and properties of food for food selection and preparation. Students will learn of the nutritional and environmental concerns of highly processed foods and investigate and make judgments on how the principles of food safety, preparation, presentation and sensory perceptions influence the creation of food solutions for healthy and sustainable eating. They will investigate and make judgments on how the characteristics and properties of foods and cooking equipment can be utilised to create designed solutions. Students will develop an understanding of effective food selection to generate food products that rely on fresh ingredients as a healthier alternative to take-away or processed foods that also reduces food waste. They will use the design process to investigate, create and generate a food solution that meets the design brief for sustainable and healthy meals for the family.</p>		<p>In this unit, <i>Designing for Interiors</i>, students will focus on the Technologies and Society Strand of Design and Technology and its focus on how people use and develop technologies taking into account aesthetic and functional factors and the impact of technologies on individuals, families and industries such as the interiors design industry. Students will critically analyse the technologies and society content including aesthetics, design theory and practices that impact on designed solutions for the interior design industry. They will explore the function and styles of interiors and critique them through the lenses of design. They will develop an appreciation of God's creation and its use in aesthetics and interior design. Students will develop a range of hand and machine generated embellishment techniques that add visual appeal and texture to fabric. The students will use the design process to investigate, create and generate a textiles product that meets the design brief for a decorated cushion to enhance the decor of the room.</p>	

## **Assessment**

Students are required to create designed solutions within food and textiles technologies. They are required to explain, justify and evaluate ideas, solutions and processes. They develop production and workplans and select and use appropriate technologies to produce high-quality solutions for the intended purpose.

A series of design briefs with real life context guides the learning for 2 pieces of assessment in each semester.

1. In-class written test or responding task
2. Project: written component of design folio and product component of food products

## **Additional Information**

Contact: Ms Margaret Duncan - Curriculum Leader – Technologies: Food & Textiles