



## Elective Offerings Year 9, 2019

### *2019 Subject Selection*

*The Year 9 elective subjects at Pacific Lutheran College offer opportunity for students to play an active role in designing the next phase of their learning journey. Students continue to study a CORE set of subjects and in addition to this, will have the chance to select **THREE** elective subjects for each semester. These new elective offerings extend from the Year 6-8 experience subjects.*



### **What happens with Year 9 subjects in 2019?**

In 2019, Year 9 students will continue to undertake CORE classes but also have the opportunity to select THREE, semester long elective subjects for Semester One and THREE semester long elective subjects for Semester Two. Each elective subject will be undertaken for THREE lessons per week for the semester.

### **When will students select these subjects?**

Students will select elective subjects in Term 3, 2018.

They will need to make selections for both Semester One and Semester Two at this time.

### **Will students be able to change subjects during a course?**

Students will be able to apply to change subjects in the first two weeks of the course commencing and in the final two weeks of the course, prior to the following semester. Subject changes will be dependent on availability and will be negotiated with the Head of Teaching and Learning Middle College.

### **What will the 2019 CORE subjects be?**

<b>ENGLISH</b>	<b>MATHS</b>	<b>RITE JOURNEY</b>
<b>SCIENCE</b>	<b>SOSE</b>	
<b>CHRISTIAN STUDIES</b>	<b>HPE</b>	

### **What will the 2019 Elective subjects be?**

The SEMESTER ONE elective offerings are

Line One	Line Two	Line Three
<b>ART 1: Art Beat</b>	<b>Drama</b>	<b>Design Technology</b>
<b>Dance</b>	<b>Japanese (1)</b>	<b>Hospitality: Food in the fast lane</b>
<b>Business Economics</b>	<b>Manufacturing studies</b>	<b>Information Technology (1)</b>
<b>STEM Engineering (STEM 1)</b>	<b>Philosophy and Reasoning</b>	<b>Music</b>
<b>Information Technology (1)</b>		<b>Media Studies</b>

The SEMESTER TWO elective offerings are

Line One	Line Two	Line Three
<b>ART 1: Art Beat</b>	<b>ART 2: Abstract Comics</b>	<b>Design Technology</b>
<b>Business Economics</b>	<b>Manufacturing studies</b>	<b>Hospitality: Food in the fast lane</b>
<b>History</b>	<b>Drama</b>	<b>Japanese (2)</b>
<b>IT (2)</b>	<b>Japanese (1)</b>	<b>Media Studies</b>
<b>STEM Engineering (STEM 1)</b>	<b>Philosophy and Reasoning</b>	<b>STEM Engineering (STEM 2)</b>

### **Are there any prerequisites for Year 10 courses?**

Japanese is the only subject at this year level that is a prerequisite for the Year 10 course.

### **Are there any prerequisites for the Year 9 offerings?**

#### **It is recommended that:**

Students enrolling in STEM 2 in Semester Two should have undertaken STEM 1 in Semester 1.

Students enrolling in Japanese 2 in Semester Two should have undertaken Japanese 1 in Semester 1.

*Please note: subject offerings may change in response to a range of circumstances*

# Semester One Elective Offerings, 2019



**Learning Area: Art (1)****Subject Title:** Art Beat: Understanding 21<sup>st</sup> Century Art**Subject outline:**

This course is inspired by developments happening in the art world right now such as street art and digital art. Students will explore these movements and experiment with the conventions, subject matter and themes in their own creative works. Students will draw, stencil and paint their way to new understandings of themselves and society. Students should bring ideas and their devices to assist with research and to generate work.

It is highly recommended that students intending to study ART in Year 10 enroll in Art 1 or 2 or both in Year 9.

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**Learning Area: Business Economics****Subject Title:** Business and Economics**Subject outline:**

Business and Economics (BAE) will look at the regional and global issues with opportunities to understand the role of the Australian economy. Students will participate in activities to develop economic and business reasoning through connections related to everyday issues and events as well as more complex contemporary issues such as hunger and homelessness. Students will design, build, create, and grow a garden stall that will encapsulate sustainable practices for market gardens as an artifact and vehicle for their learning.

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**Learning Area: Dance****Subject Title:** Turn Out**Subject Outline:**

In Turn Out, students explore three dimensions: Choreography, Performance and Appreciation. Drawing on dances from a range of cultures, times and locations students will use the elements of dance, choreographic devices, form and production elements to communicate choreographic intent through dances they create, perform and review. Students will refine technical skills in genre and style specific techniques and explore meaning and interpretation, forms and elements, and social, cultural and historical contexts of dance as they make and respond to dance. Students will understand that safe dance practices underlie all experiences in the study of dance and perform within their own body capabilities and work safely in groups.

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**Learning Area: Design Technology****Subject Title:** Design Technology**Subject outline:**

In Year 9 Design Technology, students use design thinking, graphics processes and production skills to generate designed solutions. The design process is iterative, and students will be expected to methodically prototype, test, analyse and refine their ideas. In the first term of the semester, students are taught technologies of laser cutting and 3D printing to produce a working geared model. Throughout the second term of the semester, students will investigate aeronautical principles and theories of flight. Students' will make and test a balsa plane to collect data which will inform modifications to their design. The focus of this unit across the semester is to give students an opportunity to explore a variety of technologies both in the graphics space and workshop.

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**Learning Area: Drama****Subject Title:** Centre Stage**Subject outline:**

In Year 9 Elective Drama, students will improvise with the elements of drama and narrative structure to develop ideas and explore subtext to shape devised and scripted drama.

They will manipulate combinations of the elements of drama to develop and convey the physical and psychological aspects of roles and characters consistent within dramatic forms and performance styles.

Students will practice and refine the expressive capacity of voice and movement to communicate ideas and dramatic action in a range of forms, styles and performance spaces, as well as structure drama to engage an audience through manipulation of dramatic action. They will perform devised and scripted drama making deliberate artistic choices and shaping design elements to create dramatic meaning for an audience.

As an integral part of the course, students will also evaluate how the elements of drama, forms and performance styles in devised and scripted drama convey meaning and aesthetic effect.

Students will also be exposed to live theatre.

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**Learning Area: Hospitality****Subject Title:** Food in the Fast Lane**Subject outline:**

This course encourages students to enjoy the satisfaction of home cooking with minimum time and fuss without compromising on nutrition and taste. It will provide students with the skills to design and prepare healthy food solutions and explore simple food presentation techniques. Students will be encouraged to think creatively as they work cooperatively, safely and efficiently. These skills will have a positive impact on the students' quality of life and will allow them to cope in a fast, changing and demanding society!

Throughout the semester, students will be expected to develop their food knowledge, skill base and independence in the kitchen. Specifically, the course focuses on home-made versus commercially prepared foods in regards to cost, nutritional value, time, taste and appearance, analysing personal food intake, interpreting food labeling, advertising of fast foods, preparing a range of fast foods and nutrition. The Year 9 course is a hands-on practical course that promotes the development of independence, encourages working cooperatively in small or large groups and allows students to develop confidence within the kitchen environment. Students interested in nutrition, food product development and manufacturing, food service and catering will benefit from this course.

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**Learning Area: Information Technology (1)****Subject Title:** Information Technology (1)**Subject outline:**

In IT(1) students will learn how to control an autonomous robot. Students will be introduced to procedural programming through the Python language. They will program the Micro:bit processor by downloading their own code to the hardware, then learn how to test and debug their code to achieve expected results.

Students will then work in pairs to assemble their robot, which will be controlled by the Micro:bit processor using their own code.

IT(1) will be a hands-on introduction to the software development cycle (design, develop and test). Skills learned through the Semester will be a valuable introduction to Mechatronics developed in Year 10.

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**Learning Area: Japanese****Subject Title:** Japanese (1)**Subject outline:**

Japanese (1) is the pre-requisite subject for students wishing to study Japanese in Semester Two (Japanese 2) and Year 10. Students will consolidate their understanding of the Japanese script with a focus on katakana and kanji.

By the end of this course, students should be confident with their hiragana, katakana and kanji and be capable of applying a range of vocabulary and sentence structures to communicate about authentic topics.

**Please note: This is a prerequisite subject for Year 10 Japanese**

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**Learning Area: Manufacturing Studies****Subject Title:** Manufacturing Studies**Subject outline:**

In Manufacturing Studies, students use a range of different materials to work through the Manufacturing process of interpreting technical drawings, project planning, construction and evaluating their products. Students are introduced to a selection of tools and equipment that enhance the development of fine motor skills and learn to follow production processes to achieve desired outcomes. Students develop an understanding of properties of materials and how this effects appropriate selection of tools and workshop processes. They also use CAD software to enable them to plan and carry out a task using CNC routing technology.

There is a focus on the safety issues associated with using tools and equipment and working collaboratively in a workshop environment. Students learn about the implications of using certain materials for particular purposes and the environmental impact of using them. While not a prerequisite for the senior subjects of Yr 10 Manufacturing, Yr 11/12 Furnishing Skills or Yr 11/12 Industrial Technology Studies; Yr 9 Manufacturing does prepare students well for these subjects.

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**Learning Area: Media Studies****Subject Title:** Film Art: An Introduction**Subject outline:**

*Film Art: An Introduction* equips students for a future of unimagined possibilities with highly transferable skills and the capacity for flexible thinking and doing. Students will learn to create, design, represent, communicate, investigate and share their imagined and conceptual stories and ideas through the moving image.

Concepts of film and television representations and technologies will be a key focus. Students will develop an understanding of the technical skills required to make and respond to film and television, and how representations work in popular culture content. They will learn about how film, television and new media technical and symbolic codes can be manipulated in pre-production formats and in post-production to purposefully construct representations of people, places, events, ideas and emotions within a specific film genre.

Students will make a sub-genre film sequence, by making treatments, storyboards, scripts and film sequences which follow traditional preproduction, production and post-production conventions. Students will investigate the stylistic approaches of popular directors and analyse the generic conventions in mainstream film genres.

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**Learning Area: Music****Subject Title:** Music**Subject outline:**

Year 9 Music is a preparatory subject for students wishing to continue Music in Year 10. Whilst there is an emphasis on performance, students will also compose using specialised music software and begin to develop the skills to analyse music.

By the end of the course, students should be confident in performing for an audience. At this stage, students will not be required to specialise in a particular instrument, but the ability to play will be an advantage. They should also have a broader knowledge of a range of musical styles, eras and characteristics of different genres.

*It would be highly beneficial for students intending to undertake music in Year 10 to have undertaken music or to have played a musical instrument.*

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## **Learning Area: Philosophy and Reasoning**

**Subject Title:** Philosophy and Reasoning

### **Subject outline:**

Philosophy involves questioning our assumptions, beliefs and reasons for holding particular views. During the study of Philosophy, students will be encouraged to become independent thinkers who reflect on philosophical issues in the light of their own experiences.

The course aims are met by engaging students in a community of inquiry. Students will participate in discussions and debate within which the following philosophical issues will be critically analysed:

Logic – the study of reasoning

Metaphysics – the critical examination of reality

Epistemology – the investigation of what we know and the origins of knowledge

Ethics – the study of morals and judgement

Aesthetics – the study of the nature of beauty

Students will learn how to think their way through problems, harness their curiosity and develop clarity of thought. They will undertake a text-based analysis and will be required to present ideas, evidence and reasons in an orderly way.

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## **Learning Area: STEM (1) Engineering**

**Subject Title:** STEM (1) Engineering

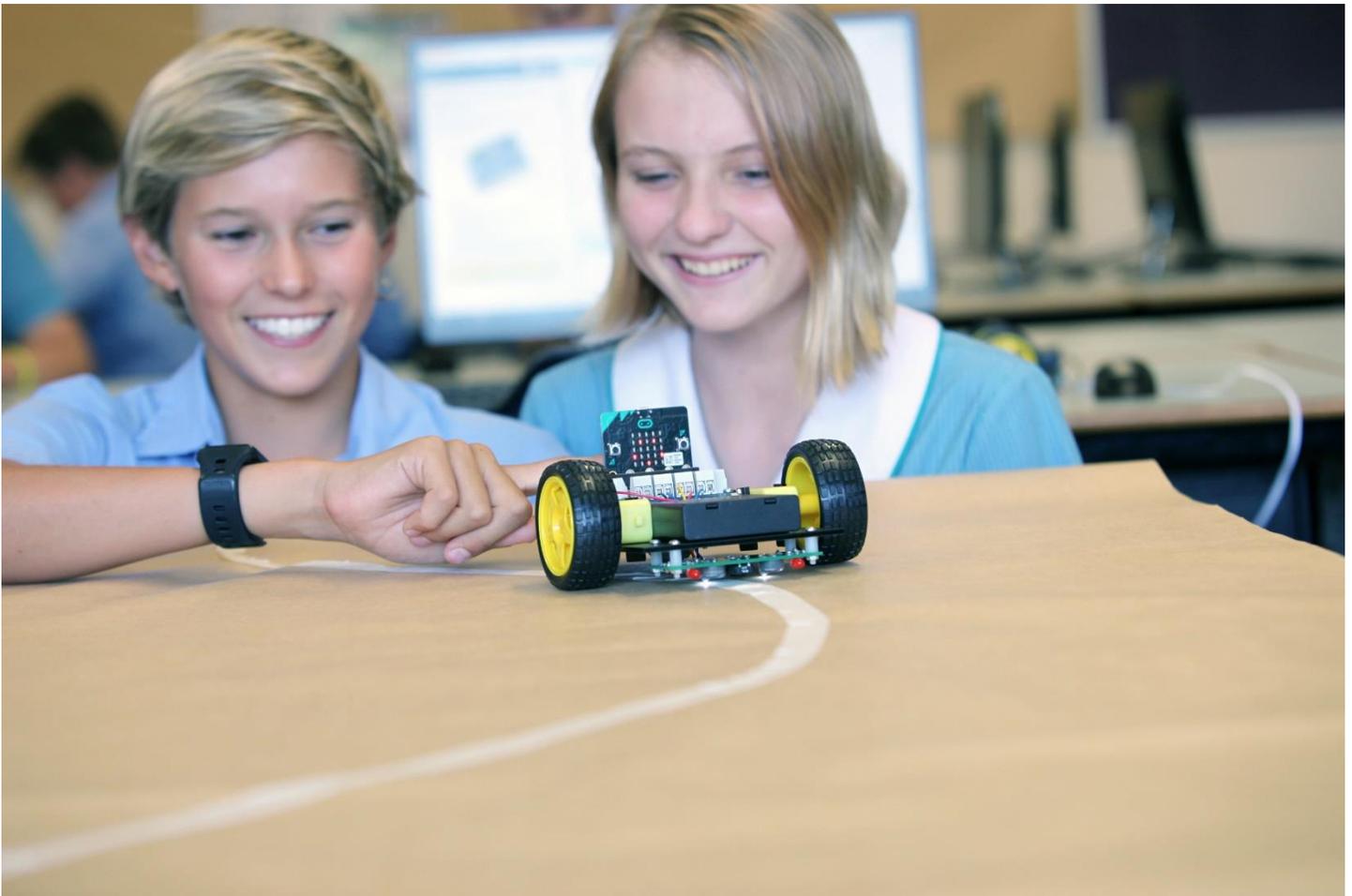
### **Subject outline:**

In **STEM 1 Engineering** (Science, Technology, Engineering, Mathematics), otherwise known as **Students Thinking, Exploring, Making**, students will explore global opportunities for innovation, inquiry, collaboration and creative problem-solving. Students will exercise these skills through independently exploring a solution to either a *Research Question* proposed for them, or by developing their own question in an area of passionate, personal interest. The STEM student will recognise the importance of deep knowledge of a topic, the importance of being open to actively seek out new ideas, and the effect of being innovative with sourcing material. They will be supported as they further develop their skills in organising, evaluating and problem-solving their ideas, accepting failure as one of the steps to learning.

**STEM 1 is a prerequisite for Semester 2 STEM 2.**

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# Semester Two Elective Offerings



**Learning Area: Art (1)****Subject Title:** Art Beat: Understanding 21<sup>st</sup> Century Art**Subject outline:**

This course is inspired by developments happening in the art world right now such as street art and digital art. Students will explore these movements and experiment with the conventions, subject matter and themes in their own creative works. Students will draw, stencil and paint their way to new understandings of themselves and society. Students should bring ideas and their devices to assist to assist with research and to generate work.

*It is highly recommended that students intending to study ART in Year 10 enroll in Art 1 or 2 or both in Year 9.*

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**Learning Area: Art (2)****Subject Title:** Abstract Comics**Subject outline:**

Students explore the conventions, subject matter, themes and principles of abstract art through the lens of the abstract comic. Students will compose abstract sequential art to demonstrate their understanding of abstract comic techniques. Students will draw, engage in printmaking and paint their way to new understandings of themselves and society. Students should bring ideas and their devices to assist with research and to generate work.

*Students intending to study ART in Year 10 are encouraged to enroll in either Art 1 or Art 2 or both in Year 9.*

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**Learning Area: Business****Subject Title:** Business and Economics**Subject outline:**

Business and Economics (BAE) will look at the regional and global issues with opportunities to understand the role of the Australian economy. Students will participate in activities to develop economic and business reasoning through connections related to everyday issues and events as well as more complex contemporary issues such as hunger and homelessness. Students will design, build, create, and grow a garden stall that will encapsulate sustainable practices for market gardens as an artifact and vehicle for their learning.

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**Learning Area: Design Technology****Subject Title:** Design Technology**Subject outline:**

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As an integral part of the course, students will also evaluate how the elements of drama, forms and performance styles in devised and scripted drama convey meaning and aesthetic effect.

Students will also be exposed to live theatre.

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**Learning Area: History****Subject Title:** Pictures of Power**Subject outline:**

Ever wondered how we know the truth about things that happened long ago and far away? About what lessons can be learned from those that went before us? About what has stopped people from existing peacefully together?

Pictures of Power is a course that will explore these big historical questions through the case study of Cambodia's ancient and modern history.

Students will examine the power and achievements of the Khmer Empire and consider its origins from kingdoms considered the first superpowers in the Asian region. They will dig about in the archeology of the great city of Angkor (900-1431CE) with its elaborate temples, canals, dependable agriculture and powerful military.

By contrast, students will also examine contemporary Cambodia by exploring the power of the Khmer Rouge under the leadership of Pol Pot (1975-1979). During this regime, the state controlled the people, collectivised agriculture, forcibly enlisted children into the military and engaged in one of modern history's most notorious genocide campaigns. Students will challenge themselves to determine the factors that prevented the people of Cambodia under the Khmer Rouge from being able to exist safely in their own environment.

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**Learning Area: Hospitality**

**Subject Title:** Food in the fast lane

**Subject outline:**

This course encourages students to enjoy the satisfaction of home cooking with minimum time and fuss without compromising on nutrition and taste. It will provide students with the skills to design and prepare healthy food solutions and explore simple food presentation techniques. Students will be encouraged to think creatively as they work cooperatively, safely and efficiently. These skills will have a positive impact on the students' quality of life and will allow them to cope in a fast, changing and demanding society!

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**Learning Area: Information Technology (2)**

**Subject Title:** Information Technology (2)

**Subject outline:**

In 2016, students from Pacific Lutheran designed and implemented programs that were included in the QUBE satellite launch. Students who completed IT1 will be using similar instrumentation in IT2, an enrichment subject where they will design and build an instrument that measures and encourages fitness, using the environmental monitoring capabilities of the Micro:bit controller.

To showcase the development of the student's innovative thinking, the students will present their final health measuring device at a **Mini-Olympics event**.

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**Learning Area: Japanese**

**Subject Title:** Japanese (1)

**Subject outline:**

**Japanese (1) is the pre-requisite subject** for students wishing to study Japanese in Semester Two (Japanese 2) and Year 10. Students will consolidate their understanding of the Japanese script with a focus on katakana and kanji.

By the end of this course, students should be confident with their hiragana, katakana and kanji and be capable of applying a range of vocabulary and sentence structures to communicate about authentic topics.

**Please note: This is a prerequisite subject for Year 10 Japanese.**

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**Learning Area: Japanese****Subject Title:** Japanese (2)**Subject outline:**

Japanese (2) is an enrichment subject to prepare students for Year 10 Japanese. It is a conversation-based subject where students will focus primarily on their listening and speaking skills although students will still be required to read and write in Japanese. The course will involve authentic role-plays, immersion of the target language and the development of strong social understandings for students to function in a culturally appropriate manner in Japan.

While Japanese (2) is not a pre-requisite subject for Year 10 Japanese, it is strongly recommended that students undertake this subject if they are interested in applying for the Inbound and Outbound Japanese exchange Programs in Year 10, where conversation is an integral aspect of interaction.

**Please note: students should have taken Japanese (1) before taking this subject.**

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**Learning Area: Manufacturing Studies****Subject Title:** Manufacturing Studies**Subject outline:**

In Manufacturing Studies, students use a range of different materials to work through the Technology design process of investigating, designing, making and evaluating their products. Within this process, they develop creative thinking skills, problem solving and knowledge of a variety of production methods and techniques. Students are introduced to a selection of tools and equipment that enhance the development of fine motor skills and the appreciation of seeing design ideas through to a finished model. They are able to justify, develop, implement and evaluate the preferred option with reference to function, performance, quality and safe use.

Students use reflective thinking skills to analyse the functionality of their products and consider how improvements could be made. There is a focus on the safety issues associated with using the tools and equipment and working collaboratively in a workshop environment.

Students learn about the implications of using certain materials for particular purposes and the environmental impact of using them. How they are used in our everyday lives, how they are manufactured and how they are reused and recycled is explored. The subject develops students' understanding of the social, environmental and ecological impact of the use of resources and materials.

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**Learning Area: Music****Subject Title:** Music**Subject outline:**

Year 9 Music is a preparatory subject for students wishing to continue Music in Year 10. Whilst there is an emphasis on performance, students will also compose using specialised music software and begin to develop the skills to analyse music.

By the end of the course, students should be confident in performing for an audience. At this stage, students will not be required to specialise in a particular instrument, but the ability to play will be an advantage. They should also have a broader knowledge of a range of musical styles, eras and characteristics of different genres.

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**Subject Title:** Philosophy and Reasoning

### **Subject outline:**

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Aesthetics – the study of the nature of beauty

Students will learn how to think their way through problems, harness their curiosity and develop clarity of thought. They will undertake a text-based analysis and will be required to present ideas, evidence and reasons in an orderly way.

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## **Learning Area: STEM (1) Engineering**

**Subject Title:** STEM (1) Engineering

### **Subject outline:**

In **STEM 1 Engineering** (Science, Technology, Engineering, Mathematics), otherwise known as **Students Thinking, Exploring, Making**, students will passionately explore global opportunities for innovation, inquiry, collaboration and creative problem-solving. Students will exercise these skills through independently exploring a solution to either a *Research Question* proposed for them, or by developing their own question in an area for which they have a keen personal interest. The STEM student will recognise the importance of deep knowledge of a topic, the importance of being open to actively seek out new ideas, and the effect of being innovative with sourcing material. They will be supported as they further develop their skills in organising, evaluating and problem-solving their ideas, all the while, viewing failure as one of the steps to learning. To showcase the development of their innovative thinking, the students will present their final 3-dimensional product at the **PLC STEM Showcase Evening**.

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**Learning Area: STEM (2) Engineering**

**Subject Title:** STEM (2) Engineering

**Subject outline:**

In **STEM 2 Engineering** students will continue to *Wonder, Probe, Discover and Create*. They will choose to either; take their Semester One project to a new dimension by identifying where modifications, alterations, further calculations and additional construction can result in a new creation. This new design would evolve to be even more technologically complex than the original design from Semester One. The second alternative for the **STEM 2** student, is to design their own project. This is an opportunity for their passion to be articulated in the form of a project that they have a passion for and they will research, inquire and discover more about. It would be a requirement, that at least two of the four STEM (Science, Technology, Engineering, Mathematics) areas are clearly embedded within the project and that it is granted teacher approval. Once again, in order to showcase the work, students will present their final 3-dimensional product at the **PLC STEM Showcase Evening**.

*Infinite Possibilities is Knowing "If we can Think it, then It Exists". Vincent J. Daczynski*

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**Learning Area: Design Technology**

**Subject Title:** Design Technology

**Subject outline:**

In Year 9 Design Technology, students use design thinking, graphics processes and production skills to generate designed solutions. The design process is iterative, and students will be expected to methodically prototype, test, analyse and refine their ideas. In the first term of the semester, students are taught technologies of laser cutting and 3D printing to produce a working geared model. Throughout the second term of the semester, students will investigate aeronautical principles and theories of flight. Students' will make and test a balsa plane to collect data which will inform modifications to their design. The focus of this unit across the semester is to give students an opportunity to explore a variety of technologies both in the graphics space and workshop.

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