

# STRIVE




Semester 2



Curriculum

Booklet

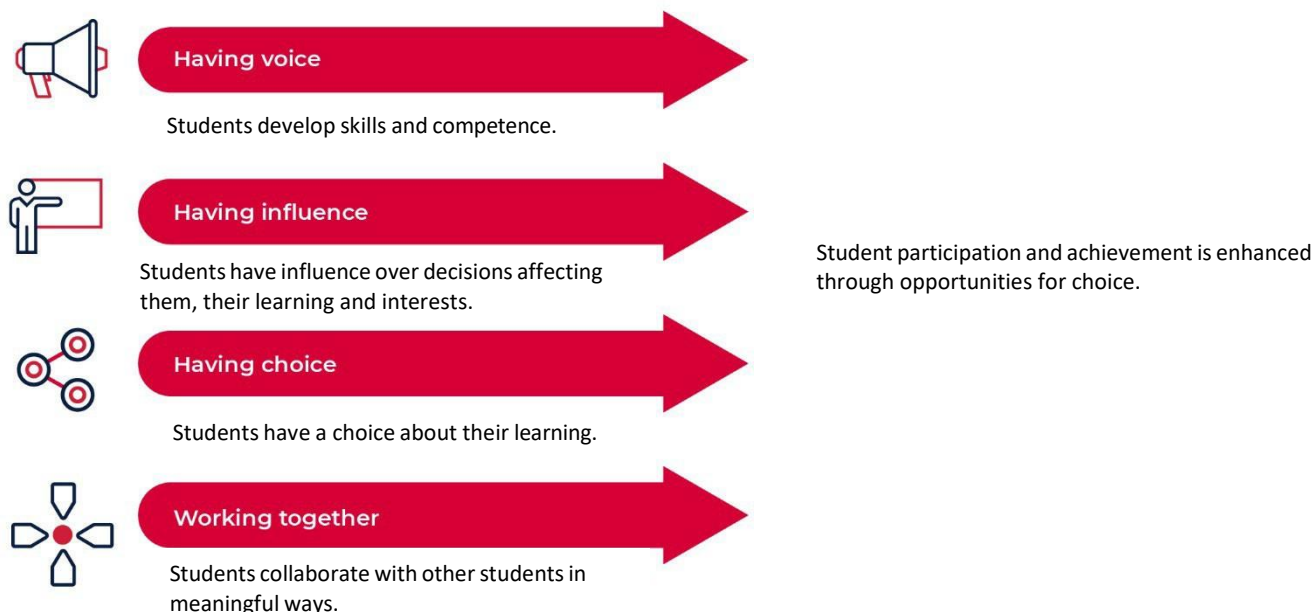


2025

## Principal's Introduction

As a school it is important that we focus on how a child is smart and not how smart a child is. To enable this, it is important that we offer a range of choices for students. Research has shown us that as students have a greater choice in their future direction, their engagement increases.

Offering a wide choice of subjects allows students the chance to achieve in areas of interest, but success goes far beyond subject choice.



The curriculum organisation described in this book provides such choice. More importantly, it also provides for:

- Units of Study which are in manageable amounts
- Placement at appropriate levels to suit personal performance
- A credential that accumulates results each half year
- Review of progress and adjustment to placement as the need arises.

All these benefits lead to maximum student success and confidence, which in turn fuel student effort for greater achievement.

The Pathways booklet and associated structure have been developed and implemented by staff with support from parents. Overall planning has been carried out by the executive staff in consultation with KLA'S. While sincere thanks are extended to all these dedicated people, their real reward will take the form of widespread student success.

I look forward to sharing the success of our students through the STRIVE program with parents and our wider community.

Mr Anthony Angel  
Principal



## ***What is Strive?***

This booklet is designed to provide you with all the information you need to make curriculum choices during Stage 5 (Years 9 & 10). This system is known as Strive.

Strive is designed to provide more choice and flexibility for students in the subjects they undertake in their study. Students are provided with the opportunity to undertake a wider variety of subjects, as the number of electives they can undertake increases. Flexibility increases as students are able to choose when they undertake each of the elective units being offered. Students will be able to choose their pattern of study before each semester. Semester 1 is Term 1 & 2. Semester 2 is Term 3 & 4.

To satisfy the requirements of the Record of School Achievement (ROSA) in Year 10, a recommended amount of time is set aside for a range of subjects. The mandatory core units each student will undertake ensures these minimum time requirements are met. In addition to a minimum amount of time being offered for each subject, students need to ensure that they engage in the learning activities offered within each course in a sustained and diligent manner. This means that they complete and submit all classwork and assessment tasks to a satisfactory standard.

Each subject will determine a grade (A – E) for each student to be recorded on their ROSA. This grade will be accumulated across the units undertaken in each course.

Each subject is divided into units. Each unit consists of four periods in a 2 week cycle, each period being 1 hour in length. Each student must successfully complete all Core units throughout the year but will be able to elect to do 4 separate elective units in each semester. The information which follows outlines the core and elective units.

### **Mandatory Core Units**

<b>English</b>	3 units must be completed in each year. One unit must be undertaken in one semester and two (2) in the other.
<b>Maths</b>	3 units must be completed in each year. One unit must be undertaken in one semester and two (2) in the other.
<b>Science</b>	3 units must be completed in each year. One unit must be undertaken in one semester and two (2) in the other.
<b>HSIE</b>	3 units must be completed in each year. One unit must be undertaken in one semester and two (2) in the other.
<b>PDHPE</b>	2 units must be completed in each year. One unit must be undertaken in each semester.
<b>Sport</b>	Participation in school sport on a Thursday afternoon will remain compulsory for all students to meet mandatory requirements.

### **Elective Units**

Each student will be able to elect from a wide variety of elective units each semester. Students who complete 3 units within a subject, across Years 9 & 10, will meet the requirements to have a **100 hour course** to be added to their Record of School Achievement. Students who complete 5 units of a subject across Years 9 & 10, will meet the requirements of a **200 hour course**. Achievement in each course will be tracked across their achievement within each unit undertaken.

## Sample Patterns of Study

### Student A

Chosen to have a balanced pattern of study across Semester 1 and 2. This pattern of study is recommended for all students. In this example the student is completing 2 English units and 2 Science Units in Semester 1, and 2 HSIE units and 2 units of Maths in Semester 2.

Semester 1	Semester 2
English Unit 1	English Unit 3
English Unit 2	Maths Unit 2
Maths Unit 1	Maths Unit 3
Science Unit 1	Science Unit 3
Science Unit 2	HSIE Unit 2
HSIE Unit 1	HSIE Unit 3
PDHPE Unit 1	PDHPE Unit 2
Elective Unit 1	Elective Unit 5
Elective Unit 2	Elective Unit 6
Elective Unit 3	Elective Unit 7
Elective Unit 4	Elective Unit 8

### Student B

In this example the student is completing 2 Maths units and 2 Science Units in Semester 1, and 2 HSIE units and 2 units of English in Semester 2.

Semester 1	Semester 2
English Unit 1	English Unit 2
Maths Unit 1	English Unit 3
Maths Unit 2	Maths Unit 3
Science Unit 1	Science Unit 3
Science Unit 2	HSIE Unit 2
HSIE Unit 1	HSIE Unit 3
PDHPE Unit 1	PDHPE Unit 2
Elective Unit 1	Elective Unit 5
Elective Unit 2	Elective Unit 6
Elective Unit 3	Elective Unit 7
Elective Unit 4	Elective Unit 8

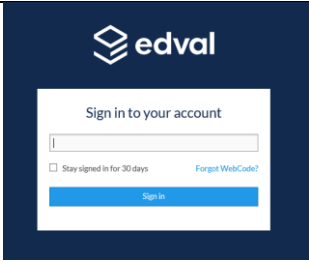

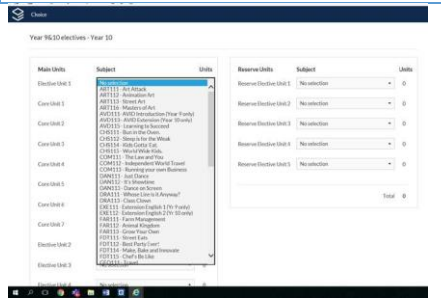
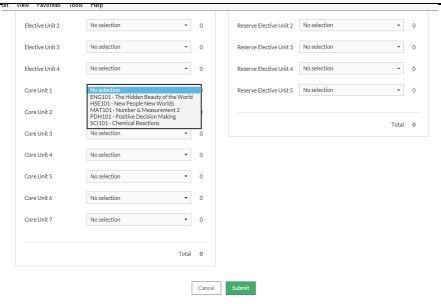
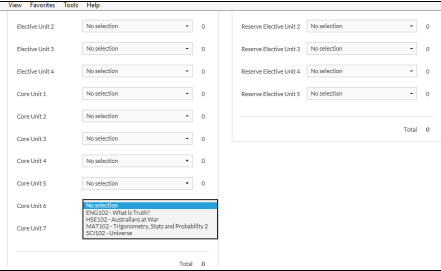
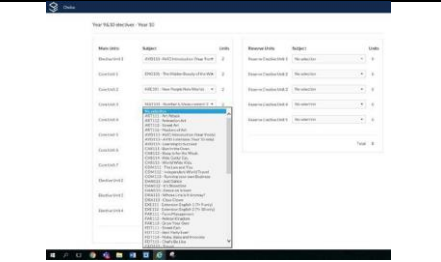
## Choosing subjects

To meet the requirements of the NSW Education Standards Authority (NESA) and the Department of Education students need to complete a minimum amount of time in the core subjects of English, HSIE, Maths, PDHPE and Science. When picking subjects students are able to choose whether they undertake 2 of units in Semester 1 or semester 2 (except PDHPE which has 1 unit in each semester). The tables above show how this might look for each semester with different choices.

The focus of the STRIVE program is providing more choice. When making your subject selections you will be asked to pick your top elective unit first. This raises the priority of these and means the computer program places these first and the Core units after. When using this booklet you need to be aware of which units are being run in each semester. Some run in both, others just in Semester 1 or 2. **If you choose electives that**

**you have undertaken already you will be asked to resubmit your choices with uncompleted units only.** If a significant number of students choose a particular course, this will be offered multiple times across the week. As is normally the case with elective choices, it is student choice that determines which classes run based on the number of students who elect each course. As a result students are asked to enter 5 reserve elective units so that where a subject is not being offered these reserve choices become active for them.

After choices are entered, the timetable program will allocate students to units and classes. Where a student's choices are not matched by what is being offered each semester, students will meet with a curriculum adviser and be able to pick from subjects that are being offered.

	<p>You will be given a code on sheet. Enter the address into the web browser and then enter your unique code into the space and click onto the Sign In bar.</p>
	<p>You will need to click on the open for submission link on the STRIVE Semester 2 electives box.</p>
	<p>The first choice you are asked to make is your most preferred elective unit. It will appear in the list in order of their codes and you can scroll down the list to find the unit you have chosen. It is important that you make sure you pick this as the one you most want to do. <b>YOU SHOULD NOT CHOOSE UNITS YOU ARE ALREADY DOING.</b></p>
	<p>After completing the first elective you will be asked to pick each of the 5 Core units which must be undertaken in the semester. While the order you pick these is not important, you need to pick each one. By having these as choices rather than just putting you into classes there is a great deal more flexibility to provide you with the electives you want to do.</p>
	<p>After choosing your 5 compulsory core units you will be asked to pick 2 other core units. You are already completing 2 of these during Semester 1. <b>YOU NEED TO CHOOSE THE 2 YOU ARE NOT CURRENTLY DOING TO UNDERTAKE DURING SEMESTER 2.</b></p>
	<p>After all the compulsory units are added you will then be able to pick your next 3 elective units. It is very important that you make sure you pick these in preference order. <b>YOU SHOULD NOT CHOOSE UNITS YOU HAVE ALREADY DONE.</b></p>

Year 9/10 Electives - Year 10

Main Units	Subject	Units
Elective Unit 1	No selection	0
Elective Unit 2	No selection	0
Elective Unit 3	No selection	0
Elective Unit 4	No selection	0
Core Unit 1	No selection	0
Core Unit 2	No selection	0
Core Unit 3	No selection	0
Core Unit 4	No selection	0
Core Unit 5	No selection	0
Core Unit 6	No selection	0
Core Unit 7	No selection	0

Reserve Units	Subject	Units
Reserve Elective Unit 1	ART111 - Visual Design	0
Reserve Elective Unit 2	ART112 - Visual Arts	0
Reserve Elective Unit 3	ART113 - Visual Arts	0
Reserve Elective Unit 4	ART114 - Visual Arts	0
Reserve Elective Unit 5	ART115 - Visual Arts	0
Reserve Elective Unit 6	ART116 - Visual Arts	0
Reserve Elective Unit 7	ART117 - Visual Arts	0
Reserve Elective Unit 8	ART118 - Visual Arts	0
Reserve Elective Unit 9	ART119 - Visual Arts	0
Reserve Elective Unit 10	ART120 - Visual Arts	0
Reserve Elective Unit 11	ART121 - Visual Arts	0
Reserve Elective Unit 12	ART122 - Visual Arts	0
Reserve Elective Unit 13	ART123 - Visual Arts	0
Reserve Elective Unit 14	ART124 - Visual Arts	0
Reserve Elective Unit 15	ART125 - Visual Arts	0
Reserve Elective Unit 16	ART126 - Visual Arts	0
Reserve Elective Unit 17	ART127 - Visual Arts	0
Reserve Elective Unit 18	ART128 - Visual Arts	0
Reserve Elective Unit 19	ART129 - Visual Arts	0
Reserve Elective Unit 20	ART130 - Visual Arts	0
Reserve Elective Unit 21	ART131 - Visual Arts	0
Reserve Elective Unit 22	ART132 - Visual Arts	0
Reserve Elective Unit 23	ART133 - Visual Arts	0
Reserve Elective Unit 24	ART134 - Visual Arts	0
Reserve Elective Unit 25	ART135 - Visual Arts	0
Reserve Elective Unit 26	ART136 - Visual Arts	0
Reserve Elective Unit 27	ART137 - Visual Arts	0
Reserve Elective Unit 28	ART138 - Visual Arts	0
Reserve Elective Unit 29	ART139 - Visual Arts	0
Reserve Elective Unit 30	ART140 - Visual Arts	0
Reserve Elective Unit 31	ART141 - Visual Arts	0
Reserve Elective Unit 32	ART142 - Visual Arts	0
Reserve Elective Unit 33	ART143 - Visual Arts	0
Reserve Elective Unit 34	ART144 - Visual Arts	0
Reserve Elective Unit 35	ART145 - Visual Arts	0
Reserve Elective Unit 36	ART146 - Visual Arts	0
Reserve Elective Unit 37	ART147 - Visual Arts	0
Reserve Elective Unit 38	ART148 - Visual Arts	0
Reserve Elective Unit 39	ART149 - Visual Arts	0
Reserve Elective Unit 40	ART150 - Visual Arts	0
Reserve Elective Unit 41	ART151 - Visual Arts	0
Reserve Elective Unit 42	ART152 - Visual Arts	0
Reserve Elective Unit 43	ART153 - Visual Arts	0
Reserve Elective Unit 44	ART154 - Visual Arts	0
Reserve Elective Unit 45	ART155 - Visual Arts	0
Reserve Elective Unit 46	ART156 - Visual Arts	0
Reserve Elective Unit 47	ART157 - Visual Arts	0
Reserve Elective Unit 48	ART158 - Visual Arts	0
Reserve Elective Unit 49	ART159 - Visual Arts	0
Reserve Elective Unit 50	ART160 - Visual Arts	0
Reserve Elective Unit 51	ART161 - Visual Arts	0
Reserve Elective Unit 52	ART162 - Visual Arts	0
Reserve Elective Unit 53	ART163 - Visual Arts	0
Reserve Elective Unit 54	ART164 - Visual Arts	0
Reserve Elective Unit 55	ART165 - Visual Arts	0
Reserve Elective Unit 56	ART166 - Visual Arts	0
Reserve Elective Unit 57	ART167 - Visual Arts	0
Reserve Elective Unit 58	ART168 - Visual Arts	0
Reserve Elective Unit 59	ART169 - Visual Arts	0
Reserve Elective Unit 60	ART170 - Visual Arts	0
Reserve Elective Unit 61	ART171 - Visual Arts	0
Reserve Elective Unit 62	ART172 - Visual Arts	0
Reserve Elective Unit 63	ART173 - Visual Arts	0
Reserve Elective Unit 64	ART174 - Visual Arts	0
Reserve Elective Unit 65	ART175 - Visual Arts	0
Reserve Elective Unit 66	ART176 - Visual Arts	0
Reserve Elective Unit 67	ART177 - Visual Arts	0
Reserve Elective Unit 68	ART178 - Visual Arts	0
Reserve Elective Unit 69	ART179 - Visual Arts	0
Reserve Elective Unit 70	ART180 - Visual Arts	0
Reserve Elective Unit 71	ART181 - Visual Arts	0
Reserve Elective Unit 72	ART182 - Visual Arts	0
Reserve Elective Unit 73	ART183 - Visual Arts	0
Reserve Elective Unit 74	ART184 - Visual Arts	0
Reserve Elective Unit 75	ART185 - Visual Arts	0
Reserve Elective Unit 76	ART186 - Visual Arts	0
Reserve Elective Unit 77	ART187 - Visual Arts	0
Reserve Elective Unit 78	ART188 - Visual Arts	0
Reserve Elective Unit 79	ART189 - Visual Arts	0
Reserve Elective Unit 80	ART190 - Visual Arts	0
Reserve Elective Unit 81	ART191 - Visual Arts	0
Reserve Elective Unit 82	ART192 - Visual Arts	0
Reserve Elective Unit 83	ART193 - Visual Arts	0
Reserve Elective Unit 84	ART194 - Visual Arts	0
Reserve Elective Unit 85	ART195 - Visual Arts	0
Reserve Elective Unit 86	ART196 - Visual Arts	0
Reserve Elective Unit 87	ART197 - Visual Arts	0
Reserve Elective Unit 88	ART198 - Visual Arts	0
Reserve Elective Unit 89	ART199 - Visual Arts	0
Reserve Elective Unit 90	ART200 - Visual Arts	0
Reserve Elective Unit 91	ART201 - Visual Arts	0
Reserve Elective Unit 92	ART202 - Visual Arts	0
Reserve Elective Unit 93	ART203 - Visual Arts	0
Reserve Elective Unit 94	ART204 - Visual Arts	0
Reserve Elective Unit 95	ART205 - Visual Arts	0
Reserve Elective Unit 96	ART206 - Visual Arts	0
Reserve Elective Unit 97	ART207 - Visual Arts	0
Reserve Elective Unit 98	ART208 - Visual Arts	0
Reserve Elective Unit 99	ART209 - Visual Arts	0
Reserve Elective Unit 100	ART210 - Visual Arts	0

The final step in the selection process is to pick reserve elective units. These will be used to fill up the electives if your first choices are not running or are being run at the same time. Once again you need to ensure that you pick these in the order that you prefer to do them. You are asked to pick up to 5 reserve units. If you have gaps in your pattern of study, you will meet with a teacher to discuss the options available for you. **YOU SHOULD NOT CHOOSE UNITS YOU HAVE ALREADY DONE.**

## Core Units

Year 9	Compulsory Units (Core)	Semester 1	Semester 2
<b>English</b>	ENG901 - Poetic Purpose ENG902 - Australian Identities ENG903 - Shining a New Stage Light	✓ ✓ X	X ✓ ✓
<b>HSIE</b>	HSE901 - Sustaining Our World HSE902 - The Urban Jungle HSE903 - New People New Worlds	✓ ✓ X	X ✓ ✓
<b>Maths (Mainstream)</b>	MAT901 - 2D Spatial Relations MAT902 - Uncertainty MAT903 - Linear Relationships	✓ ✓ X	X ✓ ✓
<b>Maths (Advanced stream)</b>	MAA901 - 2D Spatial Relations (Advanced) MAA902 - Uncertainty (Advanced) MAA903 - Linear Relationships (Advanced)	✓ ✓ X	X X ✓
<b>PDHPE</b>	PDH901 - All About You PDH902 - Nutrition and Wellbeing	✓ X	X ✓
<b>Science</b>	SCI901 - Ecosystems and Change SCI902 - Light, Sound and Motion SCI903 - Earth	✓ ✓ X	X ✓ ✓

Year 10	Compulsory Units (Core)	Semester 1	Semester 2
<b>English</b>	ENG101 - The Hidden Message ENG102 - Text to Film ENG103 - Senior Bootcamp	✓ ✓ X	X ✓ ✓
<b>HSIE</b>	HSE101 - Diversity and Difference HSE102 - Australians at War HSE103 - Rights and Freedoms	✓ ✓ X	X ✓ ✓
<b>Maths (Mainstream)</b>	MAT101 – Spatial & Algebraic Relations MAT102 - Non-Linear Relationships MAT103 - 3D Spatial Relations & Multiplicative Thinking	✓ ✓ X	X ✓ ✓
<b>Maths (Advanced stream)</b>	MAA101 - Spatial & Algebraic Relations (Advanced) MAA102 - Non-Linear Relationships (Advanced) MAA103 - 3D Spatial Relations & Multiplicative Thinking (Advanced)	✓ ✓ X	X X ✓
<b>PDHPE</b>	PDH101 - My Now, My future PDH102 - Healthy Youth	✓ X	X ✓
<b>Science</b>	SCI101 - Chemical Reactions SCI102 - Universe SCI103 - Evolution and Heredity	✓ ✓ X	X ✓ ✓

## Elective Units

Course	Elective Units	Fee	Semester 1	Semester 2
<b>AVID</b>	AVD111 - AVID Introduction (Year 9 AVID students only)	Nil	✓	X
	AVD118 - AVID for Me (AVID students only)	Nil	X	✓
	AVD113 - AVID Extension (Year 10 AVID students only)	Nil	✓	X
	AVD115 - Learning to Succeed	Nil	✓	✓
<b>Child Studies</b>	CHS111 - Bun in the Oven.	\$25	✓	X
	CHS112 - Sleep is for the Weak	\$25	✓	✓
	CHS113 - Play, Learn, Grow	\$15	X	✓
	CHS114 - Kids Gotta' Eat	\$25	✓	X
	CHS115 - World Wide Kids.	\$15	✓	✓
	CHS116 - Learn it to Earn it	\$15	X	✓
<b>Commerce</b>	COM111 - The Law and You	\$5	✓	✓
	COM112 - Independent World Travel	\$5	✓	✓
	COM113 - Running your own Business	\$5	✓	✓
	COM114 - How to Make Money Fast	\$5	✓	✓
	COM115 - Marketing	\$5	X	✓
<b>Dance</b>	DAN111 – Just Dance	\$10	✓	X
	DAN112 – Dance Performance	\$10	X	✓
<b>Design &amp; Technology</b>	DAT111 – Jewellery Making	\$25	✓	✓
	DAT112 – Futuristic Manufacturing	\$20	✓	✓
<b>Drama</b>	DRA111 – Playbuilding and Improvisation	Nil	✓	X
<b>English</b>	ENG111 – Out of the Cave	Nil	✓	✓
	ENG112 – How to Get Away With Murder	Nil	✓	✓
<b>Food Technology</b>	FDT111 - Street Eats	\$55	✓	X
	FDT112 - Best Party Ever!	\$55	✓	✓
	FDT113 - Food for the Win	\$55	X	✓
	FDT114 - Make, Bake and Innovate	\$55	✓	X
	FDT115 - Chef's Be Like	\$55	✓	✓
	FDT116 - Fashionable Food	\$55	X	✓
	FDT117 - Outdoor Foodies	\$55	✓	✓
	FDT118 – Advanced Food Technology (Year 10 only)	\$55	X	✓
<b>Geography</b>	GEO111 - Travel	\$5	✓	X
	GEO112 - Oceanography	\$5	X	✓
	GEO113 - Unique Global Environments and Places	\$5	X	✓
	GEO114 - Geography Mysteries	\$5	✓	X
	GEO115 - Mining Gold from Australia's Resources	\$5	✓	✓
<b>Graphics Technology</b>	GRA111 - Computer Aided Drawing and Design	\$10	✓	✓
	GRA112 - Photo, Video and Animation	\$10	✓	✓
<b>History</b>	HIS111 - Ancient Mythology	\$5	✓	✓
	HIS112 - Disasters that changed the World	\$5	✓	✓
	HIS113 - Sport and Recreation	\$5	X	✓
	HIS114 - All Roads lead to Rome	\$5	X	✓
	HIS115 – Murders, Mysteries and Assassinations	\$5	✓	✓
<b>Industrial Technology - Engineering</b>	ITG112 - The Need For Speed (Transportation)	\$20	✓	✓
	ITG113 - Build a Bridge & Get Over It (Engineering structures)	\$20	✓	✓

<b>Industrial Technology - Metal</b>	ITM111 - Build a Barbeque!	\$35	✓	✓
	ITM113 - Dig Yourself out of Trouble	\$25	✓	✓
<b>Industrial Technology - Timber</b>	ITT112 - Woodworking Beginners	\$25	✓	X
	ITT114 - Dovetails, Dowels and Dados	\$35	✓	✓
	ITT115 - Tenons, Turning and Tapers	\$35	✓	✓
	ITT116 - Woodworking Advanced (Year 10 only)	\$45	X	✓
<b>Language</b>	LAN111 - Japan Philosophy, Fiction and Fun	Nil	✓	X
<b>Marine Studies</b>	MAR111 - Dangerous Marine Creatures	\$10	✓	✓
	MAR112 - Marine Water Sports	\$10	✓	X
	MAR113 - Salt Water Aquariums and Aquaponics	\$10	✓	X
	MAR114 - Shipwrecks and the Abyss	\$10	X	✓
	MAR115 - Marine Mysteries	\$10	X	✓
	MAR116 - Fishing	\$10	✓	✓
<b>Mathematics</b>	MAT111 - Maths Tutorial	Nil	✓	✓
	MAT112 – Networks & Statistical Enquiry (Year 9 only)	Nil	X	✓
	MAT113 – Further Algebra, Equations & Trig (Year 10 only)	Nil	X	✓
<b>Motivate 2 STRIVE</b>	MTS111 - Assessment Support 1	Nil	✓	X
	MTS112 - Assessment Support 2	Nil	X	✓
<b>Music</b>	MUS114 - I'm with the Band	\$10	✓	X
	MUS116 - School of Rock	\$10	X	✓
<b>Outdoor Education</b>	ODE111 - The Great Outdoors	\$20	✓	X
	ODE112 - Outdoor Expedition	\$20	X	✓
<b>PASS - Physical Activity and Sports Studies</b>	PAS111 - The Body In Motion	\$10	✓	X
	PAS112 - Sporting Nation	\$10	X	✓
	PAS113 - Sport Leadership	\$10	✓	X
	PAS114 - Improving Performance	\$10	X	✓
	PAS115 - Active Lifestyles	\$10	✓	✓
	PAS116 - Football codes	\$10	✓	X
<b>Science</b>	SCI111 - Science Magic	Nil	✓	X
	SCI112 - Wizz, Bang, Pop	Nil	X	✓
	SCI113 - Bionics and the Body	Nil	X	✓
	SCI114 - Rocks, Rocks, Rocks	Nil	✓	X
<b>Visual Art</b>	ART111 - Art Attack	\$20	✓	X
	ART112 - Animation Art	\$10	✓	X
	ART113 - Street Art	\$25	✓	X
	ART114 - Culture Kings	\$20	X	✓
	ART115 - Choose Your Own ARTventure	\$10	X	✓
	ART116 - Masters of Art	\$20	X	✓
<b>Work Education</b>	WKS117 – Employment Pathways	\$10	✓	✓



# English

## Compulsory Year 9 Units

### ENG901 – Yr 9 Unit 1 – Poetic Purpose

(This unit must be completed in Semester 1)

Students will develop their appreciation of how poetry allows composers to experiment with language, form and style for a specific purpose and audience. Students will study a collection of poems by a range of authors and analyse the way the texts affirm or challenge diverse and complex perspectives and experiences. They will evaluate how poetry prompts responders to reflect, make connections and expand their understanding of others and the world.

### ENG902 – Yr 9 Unit 2 – Australian Identities

(This unit must be completed in either Semester 1 or 2)

Students will deepen their understanding of how language forms and features are used in narrative. They will compose an imaginative response that represents a thematic concern. This imaginative piece could use hybrid forms of narrative. Students will experiment with narrative code and convention. This will help them to craft their ideas with the intention of positioning their audience.

### ENG903 – Yr 9 Unit 3 – Shining a New Stage Light

(This unit must be completed in Semester 2)

Students will deepen their understanding of how a composer's context shapes their perspectives and representations. Through engaging with a drama text, students will evaluate how and why drama is a compelling way to represent ideas, experiences and stories. Students will interpret the perspectives presented through the drama script and analyse how the playwright communicates powerful ideas.

## Compulsory Year 10 Units

### ENG101 – Yr 10 Unit 1 – The Hidden Message

(This unit must be completed in Semester 1)

In this unit, students will engage with a substantive literary text with a focus on textual analysis. Students will develop their understanding of how narrative forms and features impact textual meaning. By exploring exemplary texts such as *Animal Farm*, students will deepen their comprehension of the codes and conventions inherent in literary works, enhancing their abilities to analyse and discuss complex narratives.

### ENG102 – Yr 10 Unit 2 – Text to Film

(This unit must be completed in either Semester 1 or 2)

Students explore the screen play of *The Sapphires* and compare and contrast this textual form with its cinematic version. Students will consider how both texts reflect the codes and conventions of a comedic musical, in order to develop their understanding of the way form and genre shapes representation. They are encouraged to think critically about how characters and textual issues are perceived in texts. Students analyse the conventions and selected key scenes from both texts to think critically about our current world and to consider possibilities for our future.

### ENG103 – Yr 10 Unit 3 – Senior Bootcamp

(This unit must be completed in Semester 2)

In this unit, Year 10 students will engage in an intensive exploration of various perspectives through discursive responses and poetry. Students will develop their communication skills, critical thinking abilities, and cultural understanding while collaboratively working on a portfolio project. Through analysing texts, discussing values, and making decisions, students will deepen their comprehension of diverse viewpoints and cultural practices. The unit will culminate in the creation of a comprehensive portfolio that showcases students' discursive responses and original poetry, accompanied by reflective evaluations.

# HSIE

## (Human Society and Its Environment)

### Compulsory Year 9 Units

#### **HSE901 – Yr 9 Unit 1 - Sustaining Our World**

(This unit must be completed in Semester 1)

Students examine the physical characteristics and productivity of biomes. They also develop an understanding of the functioning of the environment and how we can effectively manage them.

#### **HSE902 – Yr 9 Unit 2 - The Urban Jungle**

(This unit must be completed in either Semester 1 or 2)

Students examine the patterns and trends in population movements and the increasing urbanisation of countries. Students also investigate the impact of environmental challenges on these urban environments.

#### **HSE903 – Yr 9 Unit 3 - New People, New Worlds**

(This unit must be completed in Semester 2)

This unit offers an in depth look into the making of the Modern World. Two depth studies are explored The Industrial Revolution and its impact on the movement of peoples throughout the world, including the transatlantic slave trade.

### Compulsory Year 10 Units

#### **HSE101 – Yr 10 Unit 1 - Diversity and Difference**

(This unit must be completed in Semester 1)

Students learn about the nature of and differences in human wellbeing and development that exist within and between countries. They examine the issues affecting development and the initiatives to improve wellbeing.

#### **HSE102 – Yr 10 Unit 2 - Australians at War**

(This unit must be completed in either Semester 1 or 2)

This unit of study focuses on Australia's involvement in WWI and WWII. Students explore various aspects such as the causes of both wars, the nature of warfare, the Australian Campaign, Women in Wartime and the Western Front.

#### **HSE103 – Yr 10 Unit 3 - Rights and Freedoms**

(This unit must be completed in Semester 2)

This unit is a study of Australia's struggle for Indigenous peoples fight for Rights and Freedoms. Students explore various concepts of civil rights and activism, the experiences of the Stolen Generation, the US civil rights movement and its impact on Australia. A decade study in Australia is also completed exploring themes of fashion, trends, technology, events and their impact on Australian Society.

# Mathematics (Year 9)

The Mathematics Faculty is offering students the opportunity to undertake Advanced units in Mathematics in Year 9. Students who should choose these units will receive an invitation and information sheet from their teacher prior to the subject selection evening. Please choose your Maths electives carefully.

## Compulsory Year 9 Units (Mainstream)

### **MAT901 – Yr 9 Unit 1 – 2D Spatial Relations**

(This unit must be completed in Semester 1)

In this unit students will look at Geometrical Representations and Working with Triangles. Geometrical representations look at identifying the properties of similar figures and using ratio and scale factors. Working with Triangles investigates trigonometry and coordinate geometry of midpoints and gradient on the Cartesian plane.

### **MAT902 – Yr 9 Unit 2 - Uncertainty**

(This unit must be completed in either Semester 1 or 2)

In this unit students will look at concepts around uncertainty through multistage events involving independent and dependant events, comparing data sets through a range of statistical measures and correlations involving bivariate data.

### **MAT903 – Yr 9 Unit 3 – Linear Relationships**

(This unit must be completed in Semester 2)

In this course students will investigate linear relationships in a variety of contexts including Financial Mathematics in the form of investing through simple interest and Coordinate Geometry on the Cartesian number plane.

## Compulsory Year 9 Units (Advanced stream)

### **MAA901 – Yr 9 Unit 1 - 2D Spatial Relations (Advanced)**

(This unit must be completed in Semester 1)

This unit is designed for advanced students. It will look at Geometrical Representations and Working with Triangles. Geometrical representations look at identifying the properties of similar figures and using ratio and scale factors. Working with Triangles investigates trigonometry and coordinate geometry of midpoints and gradient on the Cartesian plane. Students taking this course are expected to take MAA902 in semester 1 and MAA903 in semester 2 and encouraged to select MAT112 in semester 2.

### **MAA902 – Yr 9 Unit 2 - Uncertainty (Advanced)**

(This unit must be completed in Semester 1)

This unit is designed for advanced students. In this course students will look at concepts around uncertainty through multistage events involving independent and dependant events, comparing data sets through a range of statistical measures and correlations involving bivariate data. Students taking this course are expected to take MAA901 in semester 1 and encouraged to select MAT112 in semester 2.

### **MAA903 – Yr 9 Unit 3 - Linear Relationships (Advanced)**

(This unit must be completed in Semester 2)

This unit is designed for advanced students. In this course students will investigate linear relationships in a variety of contexts including Financial Mathematics in the form of investing through simple interest and Coordinate Geometry on the Cartesian number plane. Students taking this course are encouraged to also select MAT112 in semester 2.

# Mathematics (Year 10)

The Mathematics Faculty is offering students the opportunity to undertake Advanced units in Mathematics in Year 10. Students who should choose these units will receive an invitation and information sheet from their teacher prior to the subject selection evening. Please choose your Maths electives carefully.

## **Compulsory Year 10 Units (Mainstream)**

### **MAT101 – Yr 10 Unit 1 - Spatial & Algebraic Relations**

(This unit must be completed in Semester 1)

In this unit students will have the opportunity to learn about concepts including trigonometry via surveying. Algebra concepts of equations, indices and algebraic fractions will also be investigated.

### **MAT102 – Yr 10 Unit 2 – Non-Linear Relationships**

(This unit must be completed in either Semester 1 or 2)

In this unit students will look at relationships that are not linear by nature. Financial Mathematics concepts of compound interest and depreciation along with investigating parabolas and the relevant algebra skills will be covered.

### **MAT103 – Yr 10 Unit 3 – 3D Spatial Relations and Multiplicative Thinking**

(This unit must be completed in Semester 2)

In this unit students will look at measurement concepts around prisms and cylinders including surface area and volume. Multiplicative content is comprised of index laws and how they can be used in the mathematical world.

## **Compulsory Year 10 Units (Advanced stream)**

### **MAA101 – Yr 10 Unit 1 - Spatial & Algebraic Relations (Advanced)**

(This unit must be completed in Semester 1)

This unit is designed for advanced students. In this course students will have the opportunity to learn about concepts including trigonometry via surveying. Algebra concepts of equations, indices and algebraic fractions will also be investigated. Students taking this course are expected to take MAA102 in semester 1 and MAA103 in semester 2 and encouraged to select MAT113 in semester 2.

### **MAA102 – Yr 10 Unit 2 - Non-Linear Relationships (Advanced)**

(This unit must be completed in Semester 1)

This unit is designed for advanced students. In this course students will look at relationships that are not linear by nature. Financial Mathematics concepts of compound interest and depreciation along with investigating parabolas and the relevant algebra skills will be covered. Students taking this course are expected to take MAA101 in semester 1 and encouraged to select MAT113 in semester 2.

### **MAA103 – Yr 10 Unit 3 - 3D Spatial Relations and Multiplicative Thinking (Advanced)**

(This unit must be completed in Semester 2)

This unit is designed for advanced students. In this course students will look at measurement concepts around prisms and cylinders including surface area and volume. Multiplicative content is comprised of index laws and how they can be used in the mathematical world. Students taking this course are encouraged to also select MAT113 in semester 2.



# **PDHPE**

## **(Personal Development, Health and Personal Development)**

### **Compulsory Year 9 Units**

#### **PDH901 – Yr 9 Unit 1 - All About You**

(This unit must be completed in Semester 1)

Theory units are The Best of You in Term 1, exploring issues around self-identity, resilience and overcoming adversity. The Term 2 unit is Let's talk about Sex, where we discuss relationships and sexual health issues including consent, STIs and methods of contraception. Practical units follow the sequence of Athletics, Fundamental Movement Skills and Fitness goals, with Invasion Games (Touch Football & Ultimate Frisbee) and Dance addressed in Term 2.

#### **PDH902 - Nutrition and Wellbeing**

(This unit must be completed in Semester 2)

Theory units are Food for Thought, where we investigate issues around nutrition and dietary balance, and Lifetime Health and Wellbeing where we explore how to maintain positive health practices in our future years. Practical units are Court and Net Games, (Basketball & Volleyball) followed by Striking Games (Softball) and Recreational Activities.

### **Compulsory Year 10 Units**

#### **PDH101 – Yr 10 Unit 1 – My Now, My Future**

(This unit must be completed in Semester 1)

Theory Units are Road Safety, where we examine the role of drivers, passengers and pedestrians in keeping safe on our roads. The Term 2 is Future Focus, where we explore responsibilities of adulthood, along with transitioning into the work force. Practical units follow the sequence of Athletics, Initiative & Challenge games, Gymnastics, Invasion Games (AFL & Soccer) and Cultural activities.

#### **PDH102 – Yr 10 Unit 2 – Healthy Youth**

(This unit must be completed in Semester 2)

Theory units are Mental Health and Wellbeing in Term 3, where we investigate current issues and a range of coping strategies for young people. In Term 4 we do Safety Skills, focusing on alcohol and illicit drugs, including vaping. We explore harm minimisation skills, and how to keep yourself and peers safe in party situations. Practical units are Court and Net games, (Netball & Badminton/Tennis) followed by Striking Games (Cricket) and Lifelong Physical Activities to close the year.

# Science

## Compulsory Year 9 Units

### SCI901 – Yr 9 Unit 1 - Ecosystems and Change

(This unit must be completed in Semester 1)

This unit explores the dynamic nature of a range of the Earth's many different ecosystems. The ways in which complex multi-cellular organisms can maintain equilibrium and respond to changes in the environment, while being in a constant state of change are investigated. The flow of energy and matter through organisms and whole ecosystems is further explored.

### SCI902 – Yr 9 Unit 2 - Light, Sound and Motion

(This unit must be completed in either Semester 1 or 2)

The wave and particle models are used as a unifying theme linking several physical phenomena and processes. This unit begins with an exploration of processes involving the transfer of heat. The importance of sound and light as organisms sense the world around them through hearing and vision. Light as a form of electromagnetic radiation, and static and circuit electricity are investigated. Energy transfers and transformations are explored in the context of moving objects in Motion. The principal of energy conservation and laws of physics, such as Newton's laws, are used to explain the behaviour of moving objects in the presence of unbalanced forces. The concepts of work and energy degradation, particularly in processes involving the transfer of heat, are explored in the context of societal energy use and demand.

### SCI903 – Yr 9 Unit 3 – Earth

(This unit must be completed in Semester 2)

This unit explores the Earth's structure and climate through a systems-based approach. The process of plate tectonics is investigated leading to an understanding of how continental and oceanic features of the Earth came about. The Earth's climate is investigated, both as a system of interactions involving the biosphere, lithosphere, hydrosphere and atmosphere. It is also explored as a complex social issue with respect to human effects on the Earth's oceans and atmosphere.

## Compulsory Year 10 Units

### SCI101 – Yr 10 Unit 1 - Chemical Reactions

(This unit must be completed in Semester 1)

This unit extends students' experience and understanding of atoms and atomic structure and its relationship to chemical processes. A range of chemical reactions, including combustion and reactions of acids, are studied and students learn to represent these using chemical symbols, formulae and equations. Students are also introduced to some nuclear reactions and the radiation they produce. The importance of energy transfer in all these processes is emphasized. Rates of reactions and energy transfer are also investigated. Properties and reactivity of elements are related to their position in the periodic table and their atomic structure. The importance of many chemical reactions and processes to society is highlighted.

### SCI102 – Y10 Unit 2 – Universe

(This unit must be completed in either Semester 1 or 2)

This unit explores several contemporary areas of science experiencing substantial new discoveries with the development of new ideas, such as the Big Bang Theory. Major features of the visible universe, including galaxies stars and our solar system, are investigated. This unit also explores how, in some cases, these advances involve large, international teams and significant funding. It also investigates how advances in telescopes and other technologies are transforming the way we think of our place in the universe. The unit concludes with an exploration of the interaction between advancing science and social policy and ethics.

### SCI103 – Yr 10 Unit 3 - Evolution and Heredity

(This unit must be completed in Semester 2)

This unit explores how the diversity of living things on Earth is explained through the theory of evolution by natural selection. Changes to DNA and genes through mutations are identified as a source of genetic variation. The mechanism of sexual reproduction is investigated as a process essential for passing heritable characteristics from one generation to the next, enabling the inheritance of a unique set of characteristics from both parents while maintaining genetic variation in the population. Advances in biotechnology are also explored.

# AVID

## (Advancement Via Individual Determination)

### **AVD111 - AVID Introduction** (Year 9 Semester 1 - AVID students only)

In this unit, students will refine their skills and knowledge of WICOR strategies to achieve learning success in all of their school subjects. Students will also be supported to set both academic and personal goals and will also engage with a range of guest speakers and university excursions to enhance their tertiary and work readiness. Students will also learn to solve their points of confusion (POCs) through their engagement in the 10 steps of the AVID Tutorial Process with university tutors once a week.

### **AVD113 - AVID Extension** (Year 10 Semester 1 - AVID students only)

In this unit, students will extend their knowledge of WICOR strategies by engaging in a range of whole school and community projects. Students will also learn a range of effective study strategies and they will reflect on their achievement in past years to set and monitor goals. Throughout this unit, students will continue to engage with a range of guest speakers and university excursions to enhance their tertiary and work readiness. With a focus on success in assessment, students will also use their knowledge of the tutorial process to learn how to engage in Collaborative Study Groups (CSG's) which they will use in Stage 6 and beyond.

### **AVD118 – AVID for Me** (Semester 2 – AVID students only)

In this unit, students will consolidate their learning of AVID strategies to support them to achieve academic success. Students will continue to engage in tutorials with their university tutors and have the opportunity to hear from guest speakers about their future pathways. During the semester, mentoring of our Stage 4 students in various AVID strategies will continue to occur.

### **AVD115 - Learning to Succeed** (Open to all students)

In this unit, students will learn strategies, skills and knowledge that will help them to be 'HSC, University and/or Work Ready'. To immerse students in the realities of university and work life, they will engage in a range of university and workplace excursions and will also be exposed to a range of career and guest speakers. Students will learn 'How' to study and learn effectively and will also be supported to set both academic and personal goals which will help them to achieve HSC, Work and University success.

# Child Studies

## **CHS111 - Bun in the Oven**

(Semester 1 only)

Students will discover the stages of pregnancy, the changes a female body will go through during this experience and changes to lifestyle once a person becomes pregnant. Discover all the different stages including baby's first scan, gender reveal and the different types of birth that are available.

## **CHS112 - Sleep is for the Weak**

Students will discover the importance of looking after a newborn; from the first few days of life, to the basic daily needs, e.g. bathing, sleeping, settling, feeding and hygiene. Students will gain experience with the virtual baby program, where they will have the option to look after one of the virtual babies that are used for the Child Studies Program. Students will also gain an understanding of the growth and development of the newborn child.

## **CHS113 - Play, Learn, Grow**

(Semester 2 only)

Students will develop an understanding of how a child learns and develops through play. A child's skills develop rapidly while they are young, and this is explored in the unit. Students learn the importance of play-based learning and explore its value to the development of the child. Students will be able to outline the characteristics of effective and enjoyable play and investigate how play can support inclusion and provide opportunities for children to build and contribute to cohesive groups, e.g. promoting fairness, taking turns.

## **CHS114 - Kids Gotta' Eat**

(Semester 1 only)

Plan, design, experiment and cook with food to create meals and snacks for kids. Find out why nutrition is so important for a growing child and how to get kids eating healthy.

## **CHS115 - World Wide Kids**

Pregnancy belly and virtual babies will be used in this unit. Learn about the influence of culture on the health and wellbeing of children and recognise that all children have strengths, and talents, and the potential to learn and develop given the appropriate opportunities.

## **CHS116 - Learn it to Earn it**

(Semester 2 only)

Students will be able to identify the range of childcare services available and assess their suitability. There will be opportunities to visit local childcare establishments and discover the work duties involved in working at one of these centres.



# Commerce

## **COM111 - The Law and You**

Do you know your legal rights and responsibilities as an Australian citizen? Students explore Australia's legal system, learning about the need for laws and how laws are created. They also develop their understanding of the impact of law on individual and society. Students learn about their rights with online purchases and rights within contracts.

## **COM112 - Independent World Travel**

Open up a world of travel! Students learn how to be informed and financially savvy travellers, gaining the knowledge to independently plan trips, organise an itinerary and travel budgets. They investigate about potential issues when travelling and what to do if they occur. Students will also gain the essential skills necessary to live independently, such as finding somewhere to live and managing their finances.

## **COM113 - Running Your Own Business**

Ever wondered what it would be like to run your own business? Students will have hands on experience to develop the knowledge and skills needed to develop products, market them effectively and sell them to turn a profit. Students will be provided with the opportunity to trade as their own business at school.

## **COM114 - How to Make Money Fast**

Money, money, money! Students learn about the range of investment options and how they make wise investment decisions to make money. They learn the seven principles to investing wisely. They also learn about managing finances when running a business to maximise profits.

## **COM115 - Marketing**

(Semester 2 only)

Students investigate the promotion and selling of goods and services including social, ethical and environmental considerations. They analyse the strategies that sellers use to promote products and maximise sales, and evaluate the impact on consumers. Students develop and implement marketing strategies to create their own marketing plan and then put it into action to test its effectiveness.

## Dance

### **Dance111 – Just Dance**

(Semester 1 only)

Do you like creating and practicing dances? Learn how to create unique choreography and explore different styles of dance. In this course you will be working with both individually and collaboratively to choreograph a groups dance to the music of your choice.

### **Dance 112 – Dance Performance**

(Semester 2 only)

Are you ready to hit the stage? Do you love musicals and all aspects of stage production? In Dance Performance you will learn to refine your dance technique and body skills, then you will showcase your skills performing a new dance work at a special dance event, or you can design your own musical.

## Design and Technology

### **DAT111 – Jewellery Making**

Explore the art of jewellery making by shaping and crafting unique statement pieces. Unleash your creativity as you design and personalize your own jewellery items. Acquire exciting new skills and leave beautifully handcrafted pieces that reflect your style and creativity, lasting treasures for years to come.

### **DAT112 – Futuristic Manufacturing (STEM Machine Room)**

In this course, students will learn to apply the design process to tackle real-world challenges. Through hands-on projects, they will utilise industry-standard 3D CAD software to bring their ideas to fruition. These designs will then be transformed into tangible products using the advance manufacturing equipment available in the STEM Machine Room.

## Drama

### **DRA111 – Playbuilding and Improvisation**

(Semester 1 only)

Get involved in the world of drama and theatre, where you'll explore a diverse array of theatrical forms, styles, and acting techniques. This course allows you to unleash your creativity and delve into the world of performance, gaining invaluable insight into improvisation while honing your playbuilding skills. The course involves examining exemplar pieces of stagecraft and dramaturgy and embedding these elements in your own collaborative playbuilding processes. Let the magic of performance ignite your passion for storytelling and self-expression, giving you the opportunity to shine!

## English Elective Units

### **ENG111 – Out of the Cave**

Embark on a philosophical study of historical human thought, ranging from ancient Greek thought to modern philosophical ideas about humans. Delve into Greek mythology, ethical dilemmas, the pursuit of truth and the quest for the meaning of life. Participate in engaging discussions and close textual examination of the fundamental questions of existence, knowledge, morality and the nature of reality.

### **ENG112 – How to Get Away with Murder**

In this unit, students will study a range of crime fiction stories, gaining detailed knowledge of one of the most popular and widely read literary genres. Students will have opportunities to solve a crime, interviewing suspects and presenting their findings to the experts.

# Food Technology

## **FDT111 - Street Eats**

(Semester 1 only)

Students investigate the wide range of foods eaten by Australians. Students will plan and prepare many food products which reflect the eclectic nature of Multicultural Australian cuisine, and the street food trend.

## **FDT112 - Best Party Ever!**

(Semester 1 only)

Food is an important component of many special occasions. Students will study both small- and large-scale catering by planning and preparing appropriate food products to be served at a celebration.

## **FDT113 - Food for the Win**

(Semester 2 only)

Food plays a vital role in everybody's life. The food needs of each individual vary and can be one of the most important components when it comes to living your best life! Students will investigate, plan and prepare a variety of delicious and nutritional food products which meet the needs of individuals.

## **FDT114 - Make, Bake and Innovate**

(Semester 1 only)

An ever-increasing variety of food products are available in the marketplace as a result of food product innovations. Students examine the reasons for developing food products and the impact of past and present food product innovations on society. They will explore the processes in food product development and develop, produce and evaluate food products.

## **FDT115 - Chef's Be Like**

Food Service and Catering are important areas of the Food Industry. Throughout history there have always been occasions where non-family members prepared meals for the family. Travellers have always needed food and accommodation. Students will examine food service and catering ventures and their operations across a variety of settings and investigate employment opportunities. Students will plan and prepare safe and appealing foods appropriate for catering for small- or large-scale functions.

## **FDT116 - Fashionable Food**

(Semester 2 only)

We often hear of fashion trends or trends in music but how about trends in food, the way we buy it, what we buy and how we cook it? Students will examine historical and current food trends and explore factors that influence their appeal and acceptability. Students will plan, prepare and present safe, appealing food that reflects contemporary food trends.

## **FDT117 - Outdoor Foodies**

Fire up the Barbeque! Enjoy the outdoors while you grill, roast and bake. Develop your own rubs, sauces and barbeque creations. Learn how different cultures have mastered the art of cooking with flames. There is much more to the art of Barbeque than the humble sausage sandwich!

## **FDT118 - Advanced Food Technologies (Year 10 only)**

(Semester 2 only)

Advanced Food Technology is for students who are in year 10 and have previously completed Food Technology courses throughout STRIVE. This course is perfect for those students who want to experiment with more advanced processing techniques and investigate the properties of food and how they react to external factors. You will design and develop food products to meet specific needs and do a deep dive in to the relationship between food consumption and society. If you are thinking about studying Food Technology in your senior years, this is the course for you!



## Geography Elective Units

### **GEO111 - Travel**

(Semester 1 only)

The world is out there to explore! In this elective, students explore travel through Asia. Students will investigate contemporary geographical issues taking place and discover strategies to address the issues. Countries that could be investigated include Indonesia (Bali), Thailand, Laos, Singapore and Vietnam.

### **GEO112 - Oceanography**

(Semester 2 only)

In this unit, students will investigate the features and importance of the world's oceans. They will inquire into the contemporary issues relating to the use of oceans such as whaling, tourism and shipping.

### **GEO113 - Unique Global Environments and Places**

(Semester 2 only)

Our world is constantly changing. It erupts to create unique environments. In this unit students will investigate why this happens and how this affects people. Students will learn about the Grand Canyon and the Mekong Valley.

### **GEO114 - Geography Mysteries**

(Semester 1 only)

Students will utilise project-based learning to inquire into the interactions between people and environments and the citizenship aspects of a selected study. This elective provides an opportunity to investigate a geographical issue in-depth and to undertake fieldwork within the local area or at an accessible location.

### **GEO115 - Mining Gold from Australia's Resources**

Investigate the nature and spatial distribution of primary production and its importance across a range of scales. Students will investigate a range of case examples including the fishing industry, mining industry, palm oil industry and the farming industry.

## Graphics Technology

### **GRA111 – Computer Aided Drawing and Design**

Students will gain an understanding to use CAD software to produce a series of high quality, accurate pictorial, and dimensioned orthographic drawings. CAD can be used to design all sorts of products, including items to be 3D printed and projects to be built in the workshop. This is an ideal stepping stone for students that wish to study Industrial Technology in Year 11 and 12 to be able to design and draw your projects.

### **GRA112 – Photo, Video and Animation**

Capture, edit and produce professional videos. Use specialised video and photo editing software and embrace your creative side. Music videos, short films, vlogs, reviews, tutorials – you are only limited by your imagination!

# History Elective Units

## **HIS111 - Ancient Mythology**

We will examine the gods of Greece, Rome, and Egypt and explore some myths such as Pandora's Box and the Golden Fleece, Achilles and Hercules. Students will have the opportunity to explore a myth of their choosing in more detail.

## **HIS112 - Disasters that Changed the World**

This unit is about studying some of the disastrous events that have shaped and changed our modern world. Some of the events we will explore are the Holocaust of World War II, the nuclear bombing of Hiroshima and Nagasaki, Chernobyl nuclear explosion and the September 11 terrorist attacks. By using a variety of historical sources, we reconstruct life during these turbulent times and try to give meaning to these events.

## **HIS113 - Sport and Recreation**

(Semester 2 only)

This unit will explore the world's longstanding love of sport in all its forms. We will start with the birth of the Olympics and track its changes over time. We also look at Australia's sporting history and explore the origins of some of our most loved sports, such as cricket, rugby and soccer. Students will be able to select a sport of their choice to research in more detail.

## **HIS114 - All Roads Lead to Rome**

(Semester 2 only)

Rome is arguably the greatest empire in all history. Students look at both primary and secondary sources to learn about its beginnings, its wars, its famous personalities and its way of life. You will focus on biographies, film as History and historical reconstructions to help understand the legacy that was Rome

## **HIS115 – Murders, Mysteries and Assassinations**

Get ready for a journey through history's most gripping mysteries and scandals! From ancient legends to modern-day mysteries, we'll look at historical evidence and conduct thorough research to uncover the secrets behind infamous cases like Jack the Ripper, the Shark Arm Murders, and the disappearance of Harold Holt. Join us as we analyse clues, crack cases, and take a deep dive into the suspenseful stories of O.J. Simpson, Ivan Milat, and the haunting Jonestown Massacre.

## Industrial Technology – Engineering

### **ITG112- The Need for Speed (Transportation)**

This unit focuses on propulsion and aerodynamics. After learning the basics, students will then have the chance to put their new-found knowledge to the test by designing, building and testing bottle rockets and F1 cars.

### **ITG113 - Build A Bridge & Get Over It (Engineering Structures)**

(Semester 2 only)

A bridge building challenge! This unit will focus on structures and see students learn about the engineering that goes into building a bridge. Students are then set the challenge to build a balsa wood bridge to span a pre-determined gap. Destructive testing will be used to see whose bridge can hold the most weight before giving way.

## Industrial Technology – Metal

### **ITM111 - Build a Barbeque!**

Make your own portable barbeque and accessories. Develop skills in working with metal by cutting, shaping, drilling, and welding mild steel components. Great for camping or an amazing gift.

### **ITM113 – Dig Yourself Out of Trouble**

Make your own portable shovel. Develop skills in working with metal by turning, tapping and fabricating, to create a foldable shovel that would be great for Dad's four wheel driving, mum's garden or camping in general.

## Industrial Technology – Timber

### **ITT112 - Woodworking Beginners**

(Semester 1 only)

This is a practical focused unit, allowing students to develop their skills in the use of portable power tools and accurate measuring and marking. Students will produce a project that incorporates a variety of joinery techniques.

### **ITT114 - Dovetails, Dowels and Dados**

Put your woodworking skills to the test by producing a practical project that incorporates a variety of joining techniques and builds on the skills taught in the beginner's course.

### **ITT115 - Tenons, Turning and Tapers**

This unit will focus on the use of power tools and equipment to produce individualised products building on the skills taught in the beginner's course.

### **ITT116 - Woodworking Advanced (Year 10 Only)**

(Semester 2 only)

Consolidate your wood working skills to design, plan and produce an advanced practical project.

## Languages

### **LAN111 - Clothing and Fashion (Japanese)**

This elective describes and discusses clothing, explores fashion in Japan, how it influences identity and purchasing items. You will also learn to describe the location of places and facilities and discuss activities you can do in Australia and Japan, whilst justifying opinions about places.



# Marine Studies

## **MAR111 - Dangerous Marine Creatures**

This elective explores the characteristics and behaviour of a range of dangerous marine creatures. Students will investigate stone fish, sting rays, killer whales, sharks and other dangerous aquatic species.

## **MAR112 - Marine Water Sports**

(Semester 1 only)

This elective introduces students to the theory and practice of safe snorkelling in enclosed and open waters. Students will investigate the world under the sea through snorkelling. This elective also provides students the opportunity to investigate the growing sport of recreational and commercial fishing.

## **MAR113 - Salt Water Aquariums and Aquaponics**

(Semester 1 only)

This elective introduces students to the principles involved in the construction and maintenance of aquarium and aquaponics systems.

## **MAR114 - Shipwrecks and the Abyss**

(Semester 2 only)

This elective provides students with opportunities to investigate the hardships faced by early mariners, their skill and the often-fatal results of miscalculations in sea travel.

## **MAR115 - Marine Mysteries**

(Semester 2 only)

This elective enables students to select an array of enquiry modules to develop a deeper appreciation of aquatic environments and practices.

## **MAR116 - Fishing**

This elective introduces the methods used to catch fish. Students investigate the relationship between different fishing methods and the behaviour and physiology of the fish being caught.

## Mathematics Elective Units

### **MAT111 - Maths Tutorial**

This unit is designed for students who require more support to master core skills in Mathematics. Students will be required to work independently with the assistance of the teacher. Students may receive further support with other units of Maths or with concepts not yet fully understood.

### **MAT112 - Year 9 Only – Networks & Statistical Inquiry**

(Semester 2 Only)

In this elective unit, students will look at networks and how they can be modelled to real world situations. The statistical component of this course looks at finding, collecting, and analysing data around concepts in today's modern world. This course is open to all ability of students who have an inquisitive mind and like to investigate concepts. **Students attempting this course must have completed the Advanced stream core units.**

### **STM113 – Advanced Computations**

(Semester 2 Only)

This elective has a focus on applying mathematical concepts to sciences like physics, chemistry and engineering. You will look at how algebra and equations help us understand how the universe works in a variety of physical and analytical contexts. This is a course that will aid students who are interested in stage 6 subject like Advanced Mathematics, Chemistry, Physics and Engineering Studies.

## Motivated 2 Strive

### **MTS111 – Assessment Support 1**

(Semester 1 only)

In this unit, students will continue to expand on their repertoire of WICOR strategies to achieve and maintain learning success in all of their school subjects. Throughout this unit, students will continue to engage with a range of support mechanism to help them manage assessment tasks from all other Strive subjects. With a focus on time management and organisational skills, students will work through establishing positive independent learning strategies. This unit can be undertaken in both Year 9 & Year 10.

### **MTS112 - Assessment Support 2**

(Semester 2 only)

In this unit, students will continue to expand on their repertoire of WICOR strategies to achieve and maintain learning success in all of their school subjects. Throughout this unit, students will continue to engage with a range of support mechanism to help them manage assessment tasks from all other Strive subjects. With a focus on time management and organisational skills, students will work through establishing positive independent learning strategies. This unit can be undertaken in both Year 9 & Year 10.

## Music

### MUS114 – I'm with the Band

(Semester 1 only)

Being in a band is cool, so let's make one. This is where you can create a band, a name and start to perform music of your own choice. You will be able to write your own chart topping music and collaborate as part of a team. In this project, you will get to record in the studio, record a music video and become a professional rock star.

### MUS116 – School of Rock

(Semester 2 only)

Just like the movie, another opportunity to perform as part of a rockin' band. This unit will focus on how we can take your band into the community and give you that 'live experience'. You will be the star of shows like Extravaganza, take your band on a school's tour, learn how to busk and perform and where to take your band when you are famous.

## Outdoor Education

### ODE111 - The Great Outdoors

(Semester 1 only)

Students are introduced to outdoor education and its importance to their personal growth, skill development and overall wellbeing. They will experience challenge, learn more about their comfort-zone and participate in planned outdoor activities. Along with this mandatory core module and some first aid in outdoor environments, students will study bushcraft and navigation, applying their understanding of shelters, campsites, food collection and campsite cooking for future expeditions.

### ODE112 - Outdoor Expedition

(Semester 1 only)

*\*\* Students must have completed The Great Outdoors course in either year 9 or 10 before selecting Outdoor Expedition. This is due to the mandatory unit of Experiencing the Outdoors covered in Semester 1.*

Students investigate basic survival techniques and identify emergency procedures and apply personal skills to respond to emergency situations which may arise in outdoor environments. They also build connections to nature through experiential learning in contexts such as bushwalking, orienteering and mountain biking. The key focus of this course is the expedition preparation, where students develop, understand and apply logistical planning and preparations for a range of potential outdoor adventure activities in different environments, for example: ocean, mountain, snow or bush.

# PASS

## (Physical Activity and Sports Studies)

### **PAS111 - The Body In Motion**

(Semester 1 only)

In this course, students will learn how the bones, muscles, joints and cardiovascular systems all work together to produce efficient movement. Students will explore a range of sporting contexts with a diverse range of examples to understand how our body moves and how we can improve our own movement efficiency. We will also investigate the health and skill related components of fitness, relevant to student needs. All concepts will be explored in both theory and practical contexts.

### **PAS112 - Sporting Nation**

(Semester 2 only)

In this unit students dive into the sporting world we live in here in Australia. We celebrate some of our sporting achievements of the past and contemporary athletes. Students will debate current issues in our sport such as the use of technology for officiating and gender related issues. In the practical setting, students participate in a range of Australian themed sports such as OzTag, AFL and traditional Indigenous Games. We also gain experience in games from around the globe such as European Handball, NFL and Gaelic Football.

### **PAS113 - Sport Leadership**

(Semester 1 only)

Here we tap into your inner leader as students delve into event management and sports coaching. We get familiar with the roles behind the scenes when sporting clubs organise competitions of various formats. Be prepared to get hands on with planning our own class events and tournaments, with students both participating and officiating in them. We also investigate characteristics of quality coaching, through studying successful professional coaches, along with students coaching their peers through sessions they design. All concepts will be explored in both theory and practical contexts.

### **PAS114 - Improving Performance**

(Semester 2 only)

If you're an aspiring athlete and want to know how to improve your performance then this course is for you. Students investigate the growing contribution of technology to participation and performance improvements. We participate in the analysis and development of skills necessary for successful performance in a variety of sporting contexts, along with investigating the role of the energy systems. A key feature of this unit is the peer analysis and evaluation of performance using a range of feedback techniques including video analysis. All concepts will be explored in both theory and practical contexts.

### **PAS115 - Active Lifestyles**

This unit investigates the benefits of an active lifestyle and how we can increase our physical activity levels, while exploring inclusive practices to support specific groups. Students have opportunities to increase their participation in physical activity by proposing, planning and implementing strategies to increase participation and improve health and wellbeing for all, both in and out of the classroom. We explore various barriers to activity and ways to overcome such barriers, by researching structured and unstructured opportunities for physical activity in our local community. Students also explore future opportunities in volunteer roles or career pathways in the sport and fitness industry. This is a course where you will get to significantly increase your physical activity levels in a variety of modified and recreational contexts.

### **PAS116 - Football codes**

(Semester 1 only)

In this course, students will focus on theory and practical activities related to the oval ball football codes of Touch Football, OzTag, Rugby League, Rugby Union and AFL. We will investigate the contribution of these sports to Australian national identity, and discuss current and historical issues in each code such as the media, political links, gender, equity, amateurism v professionalism, participation rates and sponsorship. In the practical aspect, students will develop movement skills and skill transfer across the codes. There is potential for local development officers to deliver training sessions aligned to group interests.

**PASS116 – Football Codes**

(Semester 2 only)

With a greater focus on physical performance aspects, students will focus on theory and practical activities related to the oval ball football codes of Touch Football, OzTag, Rugby League, Rugby Union and AFL. We will investigate energy systems, nutritional requirements and strength and conditioning components linked to these football codes, and their effect on improved performance. In the practical aspect, students will develop an understanding of the physical requirements to be successful in these codes, and further develop movement skills and skill transfer. There is potential for local site visits to experience elite training facilities.

## Science Elective Units

**SCI111 - Science Magic**

(Semester 1 only)

In this Physics elective, students will look at a range of physical applications in the real world and how these benefit society. They will learn to analyse motion in terms of scalar and vector quantities and perform calculations using Newton's Laws of Motion. Students will analyse electric fields, light, magnetism and forces.

**SCI112 - Wizz, Bang, Pop**

(Semester 2 only)

In this Chemistry elective, students will learn about how atoms are structured and how matter behaves. It will include the study of different types of chemical bonds and how these affect the physical properties of different substances. Additionally this unit will focus on how to perform practical tasks to develop skills required to cover a range of chemistry disciplines that develop a wide range of skills needed to do well in HSC Chemistry as well as beyond High School.

**SCI113 - Bionics and the Body**

(Semester 2 only)

In this Biology elective, students investigate different medical applications and technologies that can be used in the human body. They will learn about the functions of structures in the circulatory system and the skeletal system. Organ transplants will be discussed and how our immune system works.

**SCI114 - Rocks, Rocks, Rocks**

(Semester 1 only)

In this Earth and Environmental Science elective, students will investigate the layers of the Earth, tectonic movements and the impact of humans on the Earth. Sustainability and recycling will be a major focus as we look to improve the welfare of our planet.

# Visual Art

## **ART111 - Art Attack**

(Semester 1 only)

In this unit students will be introduced to all things ART and refine their artmaking techniques through the creation of individual, imaginative and expressive artworks using different mediums such as paint, pencil, watercolour, printmaking and sculpture. With your very own artist kit, you will create anything your heart desires.

## **ART112 - Animation Art**

(Semester 1 only)

In this unit students will study the principles of design in relation to graphic and digital artworks. Glass art, illustration and short film animations will form the basis of your very own professional design portfolio.

## **ART113 - Street Art**

(Semester 1 only)

This unit is the word on the street! Street Art that is - where you can design your own tag, look at stenciling as a type of artmaking, create a graffiti style artwork and paint your own amazing skateboard.

## **ART114 - Culture Kings**

(Semester 2 only)

Bring it! This unit allows you to create your own specialised brand and design your funky logo showing off your street cred. You will use various printing techniques to create and transfer your design to wearable items such as hats, bags, tee's and shoes. What is your culture going to look like?

## **ART115 - Choose Your Own ARTventure**

(Semester 2 only)

This unit is all about YOU! You, as the artist, get to create the type of artmaking YOU love to make. Are you into anime', cartooning, designing 3D objects, sculpture or love creating collages? Whatever your heart desires, this type of artmaking is for you. Which ARTventure will you choose?

## **ART116 - Masters of Art**

(Semester 2 only)

This unit of art is about creating art like a professional-looking at high end art, gallery influences and perfecting your artmaking practice through the use of different artmaking styles and learning from the masters. You will have your very own easel and canvas to create your very own masterpiece.



## Work Education

### **WKS117 - Employment Pathways**

The course is designed to introduce students to the strategies and opportunities to become prepared for employment. Students will develop a portfolio and an electronic portfolio to present to employers. They will engage in communication and teamwork activities, which will be transferable for future employments. Students will be exposed to guest presenters and workplace tours. Students will also complete aptitude testing, interviews and engagement with apprenticeship network providers. Towards the end of the program, students will participate in work experience.