

SUBJECT SELECTION GUIDE

YEAR 9

Subject selection guide for Year 8 into 9
Mansfield State High School
August 2022 for subject selection for 2023

Quality learning in a caring environment.



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Curriculum Overview

Mansfield State High School's curriculum is organised within Learning Areas, with the additions of the Student Development Program (SDP) and the Mansfield Activity Program (MAP).

As students move from Year 8 into Year 9 their course of study includes the following compulsory CORE subjects:

- English;
- Mathematics;
- Science;
- Health & Physical Education (one semester only); and
- History (one semester only).

Students are also provided with an opportunity to start considering their future learning pathways through the provision of a range of elective subjects. They will be able to study up to four elective subjects (two each Semester) from a range of options available.

The exception for this is students in the French Immersion program who must study Advanced French (AFR) in both semesters in place of one elective.

More detail about the range of electives is provided further in this booklet.

Selecting Subjects – Guidelines

A wise choice of subjects has an important bearing on happiness at school, success in studies and the range of options available for further study or for entry to a desired vocation.

- Students are encouraged to discuss subject choices with teachers, and other members of staff. Staff understand student strengths, and will be able to give them guidance on the appropriateness of their subject choice. The final decision will rest with the parent and the student.
- Students will be required to study two (2) elective subjects for Semester 1 and then study two (2) electives for Semester 2. The same elective can be studied in both Semester 1 and Semester 2; however, semester units are discrete, and in most cases there is no prerequisite to have studied an elective in Semester 1 to be able to choose it in Semester 2.
- Students will be required to identify an additional two (2) electives of interest for consideration should their first two preferences not be available.

Selecting Subjects – Advice

There are many important decisions you have to make at school. Some of the most important decisions are concerned with your subject choices.

When making your selections, you should include subjects which:

- You are interested in;
- You have experienced past success with;
- May lead to your preferred career path;
- Optimise opportunities to reach your potential.

A student SHOULD NOT choose subjects for the following reasons:

- *'My friend is taking that subject.'* There are usually several classes in a subject, so even if you are doing the same subjects, you won't necessarily be in the same class.
- *'I do/don't really like the teacher.'* There is no guarantee that you will have any particular teacher.
- *'Someone told me that the subject is fun (or easy, or interesting).'* Just because a subject may be enjoyable/easy/interesting for someone else does not mean that it will be same for you. Make up your own mind based on what you enjoy.
- *'Someone told me that the subject is boring.'* See point 3.
- *'Someone told me that I do/don't need that subject for the course I want to take in Year 12/at university.'* If you are planning this far ahead, speak with the relevant Head of Department/Head of Year, check tertiary prerequisites or talk to a Guidance Officer.

Important Information

- Many subjects have identified prerequisites and/or compulsory subjects. Where prerequisites are stated, if students can demonstrate they already have similar knowledge and skills that would have been gained from completion of the prerequisite subject, they may complete the next level of the subject after agreement with the relevant Head of Department.
- Students also need to be aware that availability of a particular subject is dependent upon a number of important factors, including availability of staff and physical resources such as specialist classrooms, and class size numbers.

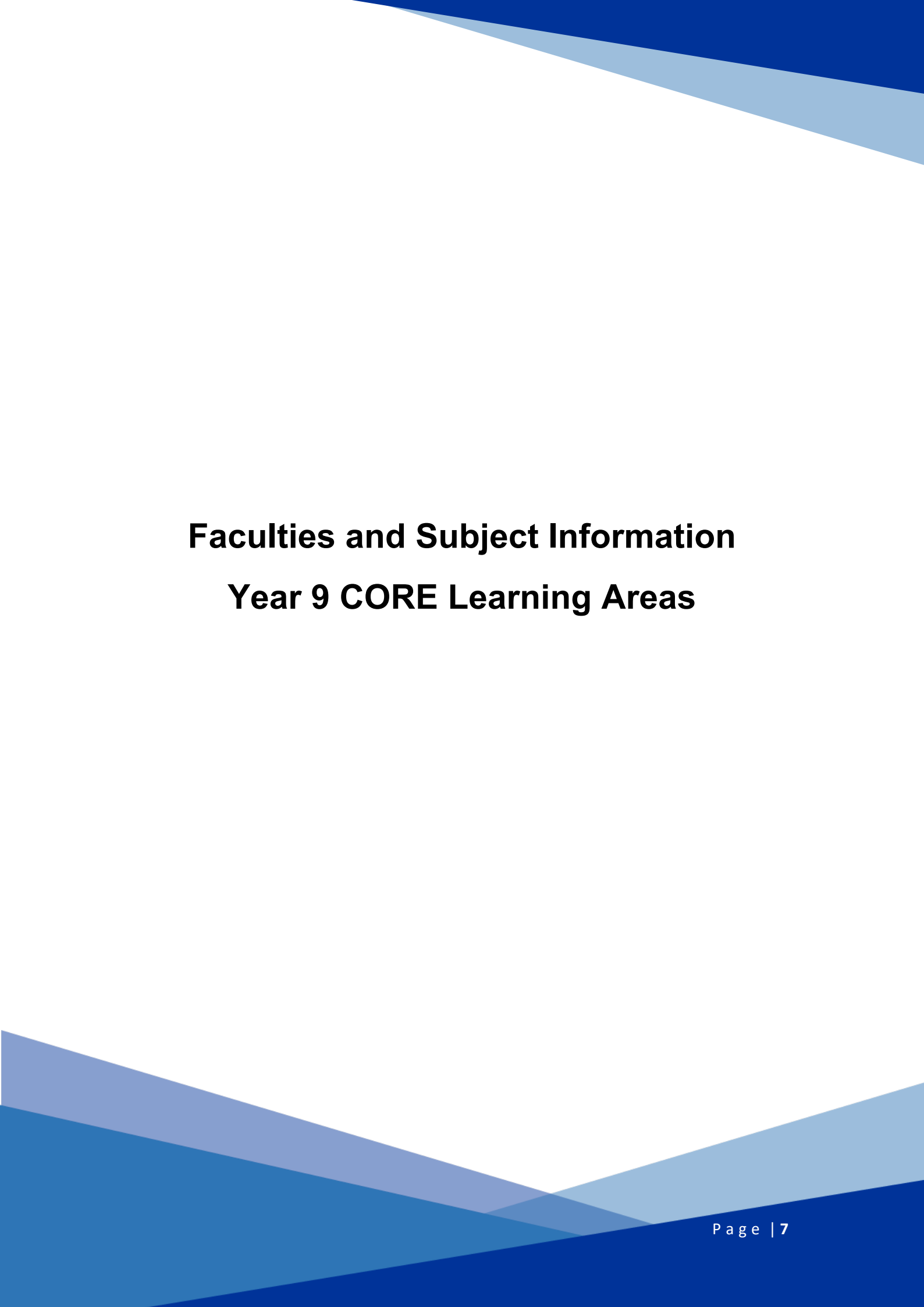
Selecting Subjects – Process

The following is a guide as to how to make the selection process a little easier.

1. Ensure you understand the mix of compulsory subjects and elective subjects to be studied over the course of Year 9.
2. Carefully read about the subject in this booklet, noting the content and assessment types.
3. Check to see what Senior School subjects your preferences are aligned to and whether there are any prerequisites to completing the subject in Year 9.
4. After making your final selection, complete subject selection process in OneSchool during the timeframes advised.
5. You will remain in your semester 1 elective subjects unless you ask to change subject. A note signed by a parent requesting the change needs to be given to the timetabling Deputy Principal. Timetables will be changed where class sizes permit.

Curriculum Snapshot

CORE Learning Area		Time Studied
English		3 periods per week
Maths		3 periods per week
Science		3 periods per week
History		3 periods per week for 1 semester only
Health and Physical Education		3 periods per week for 1 semester only
Student development Program (SDP)		1 period per week
Mansfield Activity Program (MAP)		1 period per week
Elective Learning Areas		
Creative Technologies	Food Specialisations Textile Design Technology Digital Technologies	Electives chosen are studied for 3 periods per week for 1 or 2 semesters
Humanities	Economics and Business Geography	
Industrial Technology and Design	Design and Technology Materials and Technologies Specialisation Engineering Principles and Systems	
Languages	French Advanced French (Immersion students only) Japanese	
Music	Music Music Extension (Accelerando students only)	
The Arts	Dance Drama Media Arts Visual Arts	



Faculties and Subject Information

Year 9 CORE Learning Areas

English

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

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

Our Junior English Programme is designed to promote students' capacity to use English to:

- express and assist in fulfilling their everyday needs
- develop, maintain and express their personal sense of identity in diverse settings
- establish and maintain relationships with others
- organise their thoughts and learn about the world
- reflect upon their experiences, thoughts and feelings and share these with others
- obtain and provide information, direction and advice
- make decisions and solve problems involving themselves and others
- evaluate the relevance, quality and perspectives of their own and others' speech, writing and visual communication
- participate in recreational and vocational activities and in further study
- appreciate and contribute towards their own and others' cultural heritages
- contribute to the shaping of their communities and of their own future as confident and informed citizens.

In this way, students develop life-long learning skills so they can take their place as confident and informed citizens, participating fully in the society of the future.

Subject code:	ENG091 / ENG092	Subject department:	ENGLISH
Course Description	Unit 1 – Australian Identity (Persuasive Writing) Unit 2 – Speculative Fiction (Creative Writing) Unit 3 – Advertising (Analytical Writing) Unit 4 – Prose Study (Oral Presentation)		
Learning Experiences	Students will participate in a number of experiences which include: <ul style="list-style-type: none"> • Communicating with peers, teachers, individuals, groups and community members in a range of face-to-face and online/virtual environments • Engaging with a variety of texts for enjoyment • Listening to, reading, viewing, interpreting, evaluating and performing a range of spoken, written and multimodal texts in which the primary purpose is aesthetic, as well as texts designed to inform and persuade • Developing their understanding of how texts, including media texts, are influenced by context, purpose and audience. 		
Assessment Types	Assessment instruments will include: <ul style="list-style-type: none"> • Written assignments. • Multimodal presentations. • Class exams. 		
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$38 • A4 Exercise Book • A4 Display Folder 		
Prerequisites	NIL		
Subjects aligned with in Senior School			
Year 10 Course of Study		Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Essential English • Preparatory English • Preparatory Literature 		<ul style="list-style-type: none"> • Essential English • English / English as an Additional Language • Literature 	

Health and Physical Education (HPE)

Health and Physical Education reflects the dynamic and multi-dimensional nature of health and recognises the significance of physical activity in the lives of individuals and groups in contemporary Australian society. Active engagement in physical activity is a major emphasis in this Learning Area.

Consequently, students are challenged to use this medium to develop knowledge, processes, skills and attitudes necessary for making informed decisions about:

- promoting the health of individuals and communities
- developing concepts and skills for physical activity
- enhancing personal development.

Health and Physical Education is a compulsory CORE subject in Year 9 and is completed for one semester only.

In Year 10, Health and Physical Education is not compulsory, but students have the opportunity to select one of three elective units. These units focus on health strategies, physical activity, theories underpinning performance improvement, health, nutrition, and relationships.

Subject code:	HPE091/HPE092	Subject department:	Health and Physical Education
Course Description	<p>In theoretical lessons, students will examine training methods and personal harm minimisation techniques.</p> <p>During practical lessons they will focus on “fun, fitness and skill,” through a variety of sports.</p>		
Assessment Types	<ul style="list-style-type: none"> • Reflective essay • Research Report • Ongoing practical assessment 		
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$10 • HPE uniform • Ring Binder/ dividers/ A4 paper 		
Prerequisites	NIL		
Subjects aligned with in Senior School			
Year 10 Course of Study		Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Health • Preparatory Physical Education • Preparatory Recreation 		<ul style="list-style-type: none"> • Health • Physical Education • Recreation 	

History

Humanities subjects involve investigations of controversial and challenging issues and encourage young people to be active participants in their world. These subjects promote critical thinking, which lies at the core of the problem-solving skills required in the 21st century.

In the study of History, students learn to critically evaluate sources and write evidence-based judgements.

History is a compulsory CORE subject in Year 9 and is completed for one semester only.

Subject code:	HIS091/HIS092	Subject department:	Humanities
Course Description	Unit 1 - The Industrial Revolution Unit 2 - Investigating WWI and the ANZAC Legend		
Assessment Types	<ul style="list-style-type: none">• Short Response Test• Research Investigation Assignment		
Cost and Materials	<ul style="list-style-type: none">• \$18• A4 Exercise Book• A4 Display Folder		
Prerequisites	NIL		
Subjects aligned with in Senior School			
Year 10 Course of Study <ul style="list-style-type: none">• Preparatory Modern History• Preparatory Ancient History	Year 11 & 12 Course of Study <ul style="list-style-type: none">• Modern History• Ancient History		

Mathematics

Mathematics is a unique and powerful way of viewing the world to investigate patterns, order, generality and uncertainty. Mathematics assists individuals to make meaning of their world and empowers them to distil the essence of life experiences into universally true abstractions and, at the same time, apply these abstract ideas to interpret new situations in the real world.

Mathematical concepts and the processes of mathematical analysis and justification provide a unique and coherent framework for explaining a myriad of physical and social phenomena.

Mathematics has evolved within and across cultures, developing in response to cultural needs and ways of viewing and interpreting a range of life situations and providing a sense of order in the world. The diversity of thinking, reasoning and working mathematically in response to life situations has characterised, and will continue to characterise, the evolution of mathematics.

At the personal level, the most obvious use of mathematics is to assist in making informed decisions in areas as diverse as buying and selling, home maintenance, interpreting media presentations and forward planning. The mathematics involved in these activities includes analysis, financial calculation, data description, inference, number, qualification and spatial measurement. The generic skills developed by mathematics are also constantly used at the personal level.

Mathematics is compulsory for all students in Years 7, 8, 9 and 10. At the end of Year 8, some students (*who have found Mathematics particularly difficult*) will be offered the MAF Maths Foundation class in Year 9 and parents will be contacted by the Head of Department Mathematics. For all *other* students the MAT Core Mathematics class will be studied.

Subject code:	MAT091/MAT092	Subject department:	Mathematics
Course Description	Topics covered include: <ul style="list-style-type: none"> • Financial Maths • Indices and Surds, Ratio and Proportion, Algebraic Operations, Linear Equations, Quadratic Equations • Length, Area and Volume Trigonometry • Statistics Probability Circle Geometry • Coordinate Geometry 		
Assessment Types	<ul style="list-style-type: none"> • Examinations • Problem Solving and Modelling Task 		
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$12 		
Prerequisites	NIL		
Subjects aligned with in Senior School			
Year 10 Course of Study		Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory General Mathematics • Preparatory Mathematical Methods • Preparatory Specialist Mathematics 		<ul style="list-style-type: none"> • Essential Mathematics • General Mathematics • Mathematical Methods • Specialist Mathematics 	

Science

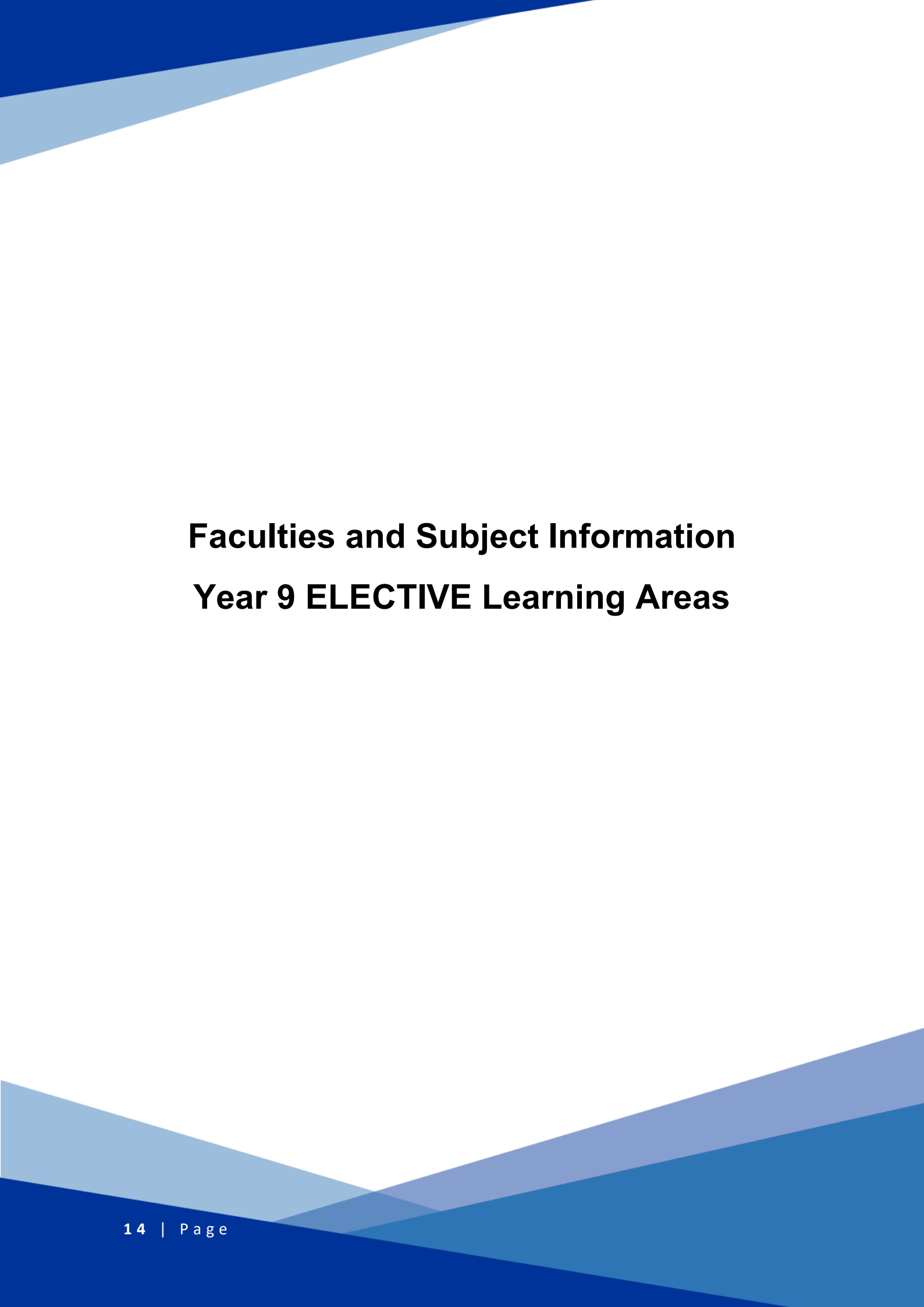
Humans are innately curious about their world. Science, as a 'way of knowing', is used by people to explore and explain their experiences of phenomena of the universe. It is a process for constructing new knowledge. Science is a part of the human quest for understanding and wisdom and reflects human wonder about the world. The study of science as a 'way of knowing' and a 'way of doing' can help students reach deeper understandings of the world.

Science education involves students and teachers working together as each constructs new understandings and compares their current ideas with those of the scientific community. Such collaboration challenges students, contributes to a sense of personal success as lifelong learners, and can generate a passion for learning and seeking new insights.

Science is compulsory for all students in Years 7, 8 and 9. By the end of Year 9, students will examine, inquire and explain chemical processes in terms of atoms and energy transfers and describe the importance of chemical reactions as well learning to form hypotheses and investigate data. They will explain global features and events in terms of geological processes and timescales and analyse how biological systems function and respond to external changes by evaluating explanations using scientific knowledge.

In each semester of Year 10, students have the choice of electives including Biology, Chemistry, Earth and Environmental Science or Physics. Each year 10 student can elect to study a maximum of two science subjects per semester with pathways to senior subjects from each course.

Subject code:	SCI091/SCI092	Subject department:	Science
Course Description	Unit 1: Physical Science Unit 2: Chemical Science Unit 3: Earth and Environment Science Unit 4: Biological Science		
Assessment Types	<ul style="list-style-type: none"> • Student Experiment Report • Research Investigation • In Class exams. 		
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$35 • A4 exercise book 		
Prerequisites	NIL		
Subjects aligned with in Senior School			
Year 10 Course of Study	Year 11 & 12 Course of Study		
<ul style="list-style-type: none"> • Preparatory Earth and Environmental Science • Preparatory Chemistry • Preparatory Physics • Preparatory Biology 	<ul style="list-style-type: none"> • Earth and Environmental Science • Chemistry • Physics • Biology • Science in Practice 		



Faculties and Subject Information

Year 9 ELECTIVE Learning Areas

Creative Technologies

Creative Technologies develops valuable skills for wellbeing and future employment. Food Specialisation Studies and Textile Design Technology subjects develop life skills, which promote individual and family health and well-being. They also introduce students to possible future career pathways in Allied Health, Hospitality, Food Product Development, Design and Fashion. The Digital Technologies subject develops problem-solving and digital communication skills and helps to develop an understanding of ethical use of digital technologies. It introduces students to possible future career pathways in Information Technology, Web Development, Cybersecurity and Software Development.

The units offered in Creative Technologies are all Elective Units. The knowledge and skills developed are designed to provide basic skills for students progressing to Senior Technology subjects including Hospitality, Food and Nutrition, Early Childhood Studies, Fashion, Digital Solutions and Information and Communication Technologies.

Students can choose to study from the Creative Technologies units for the whole year, or as individual semester units.

Food Specialisation Studies

Subject code:	TFD091 Food Fundamentals (Semester One)	TFD092 Taste of Australia (Semester Two)
Course Description	<p>This unit is the foundation unit for a course in Food and Fibre Technology. Within this unit students will:</p> <ul style="list-style-type: none"> • Explore the impact of food on health by analysing the Australian Guide to Healthy Eating and Australian Dietary Guidelines • Examine the six nutrients in detail • Participate in weekly practical cookery activities • View practical cookery demonstrations • Engage in the design process to develop a solution to a food problem 	<p>This unit builds on the knowledge gained from TFD091. Within this unit students will:</p> <ul style="list-style-type: none"> • Describe the Australian food systems and future sustainability needs to ensure viability for future generations • Examine the historic timeline of influences on Australian food culture • Explore the impact of technological advances that have shaped modern Australia • View practical cookery demonstrations • Participate in weekly practical cookery activities which relate to topics studied • Engage in the design process to develop a solution to a food problem
Prerequisites	NIL	TFD091 is recommended
Assessment Types	<ul style="list-style-type: none"> • Written exam • Investigation and design folio 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$20 subject charge per semester • Weekly ingredients for practical cookery • A4 exercise book 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Food and Nutrition • Preparatory Hospitality Practices • Preparatory Early Childhood Studies 	<ul style="list-style-type: none"> • Food and Nutrition • Certificate II/III in Hospitality • Early Childhood Studies 	

Textile and Design Technology

Subject code:	TTD091 Textile and Design Technology 1 (Semester One)	TTD092 Textile and Design Technology 2 (Semester Two)
Course Description	<p>This semester centres on the elements and principles of design, sustainable textile practices, product construction skills and textile properties.</p> <p>Students will</p> <ul style="list-style-type: none"> • Use the design process to design and produce a product to meet the needs of a specific design briefs • Use basic practical skills to produce a prototype item • Interpret instructions from a commercial pattern. 	<p>This unit builds on the knowledge gained from TTD091.</p> <p>Within this unit students will use different mediums to:</p> <ul style="list-style-type: none"> • Apply the design process • Develop skills appropriate for the construction of fabric garments/articles for a specific design brief • Use a variety of skills to produce a prototype • Interpret instructions from a commercial pattern.
Prerequisites	NIL	TTD091 is recommended
Assessment Types	<ul style="list-style-type: none"> • Written examination • Design Folios • Practical item 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$15 subject charge per semester • Fabric / decorative items • A4 exercise book 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Fashion 	<ul style="list-style-type: none"> • Fashion 	

Digital Technologies

Subject code:	DIG091 Web Development (Semester One)	DIG092 Cybersecurity (Semester Two)
Course Description	<p>This unit develops foundational web development skills. Within this unit students will:</p> <ul style="list-style-type: none"> • Understand the components of a webpage including optimisation of digital images • Explore the elements and principles of design as they apply to digital products • Develop wireframes for a web application and analyse user personas to improve the user experience • Generate web pages with a focus on aesthetics and useability • Evaluate digital products against useability criteria 	<p>This unit develops foundational cybersecurity knowledge. Within this unit students will:</p> <ul style="list-style-type: none"> • Understand the principles of cyber security and cyber ethics • Explore basic security features of computer systems • Encrypt and decrypt coded messages using simple ciphers such as Caesar and Vigenère • Generate digital solutions that collect and transmit data securely • Evaluate digital products against security criteria
Prerequisites	NIL	NIL
Assessment Types	<ul style="list-style-type: none"> • Written examination • Investigation and design folio • Practical project 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$15 subject charge per semester 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Digital Solutions 	<ul style="list-style-type: none"> • Digital Solutions • Information & Communication Technology 	

Humanities

Humanities subjects involve investigations of controversial and challenging issues. The Humanities subjects promote critical thinking skills, which lie at the core of the problem-solving skills required in the 21st century. This Learning Area encourages young people to be active participants in their world. Students develop abilities to respond to local as well as global issues and to apply strategies for making informed decisions.

The range of concepts, values and processes that underpin the Humanities subjects are drawn from disciplines including history, geography, accounting, business, economics, politics, sociology, anthropology, law, psychology and ethics. Consequently, these courses provide opportunities for students to develop the understanding and skills necessary for the study of these subjects in Senior school.

Economics and Business Studies

Subject code:	ECB091 Business Studies 1 (Semester One)	ECB092 Business Studies 2 (Semester Two)
Course Description	<p>Students explore the strategies to achieve individual success and the strategies to achieve business success. They examine what it means to be a consumer and the factors that influence major consumer and financial decisions. In addition, students examine the importance of managing finances and the consequences for poor financial management.</p> <p>Students further develop these skills and knowledge and apply to business scenarios. They begin developing analytical and evaluative skills to determine the strengths and weaknesses of a product/business idea and analyse data and information to identify opportunities or threats.</p>	<p>Students further build on the skills and knowledge required to run successful businesses, and how entrepreneurial behaviour contributes to business success.</p> <p>Students apply a range of knowledge and skills to plan and run a business venture (in teams) for Market Day.</p> <p>Students who have demonstrated the prerequisite qualities (ability to work in teams, responsibility, reliability) will participate in the team project - Market Day.</p> <p>Students who have not demonstrated the prerequisite qualities may be given an alternative individual project.</p>
Prerequisites	NIL	ECB091 and demonstration of reliability, effort, attitude and regular attendance.
Assessment Types	<ul style="list-style-type: none"> • Written examination • Assignment (individual and group components over year long course) 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$25 subject charge per semester • A4 exercise book • A4 Display book 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Accounting • Preparatory Business • Preparatory Legal Studies • Preparatory Economics 	<ul style="list-style-type: none"> • Accounting • Legal Studies • Economics • Business • Cert III Business 	

Geography

Subject code:	GEG091 Feeding the World (Semester One)	GEG092 Geography of Interconnections (Semester Two)
Course Description	This one semester course focuses on geographical issues including: Unit 1 Biomes <ul style="list-style-type: none"> Natural environments (biomes) of the world Unit 2 Food Security <ul style="list-style-type: none"> The effects of changing environments on food production Challenges to food production to feed Australia and the world 	This one semester course focuses on geographical issues including: Unit 1 Global Interconnections <ul style="list-style-type: none"> How transport, trade and communication technologies are connecting people and places Unit 2 Interconnections Using Public Spaces <ul style="list-style-type: none"> How travel and tourism impact on places
Prerequisites	Year 8 Humanities	Year 8 Humanities (GEG091 is not required as a prerequisite)
Assessment Types	<ul style="list-style-type: none"> Combination exam (short answer responses and extended responses) Research project - field report 	
Cost and Materials	<ul style="list-style-type: none"> Approximately \$20 subject charge per semester A4 exercise book Coloured pencils Australian Geography Competition (semester 1 - approximately \$4) Field trip in Semester two (cost approximately \$20) 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> Preparatory Geography 	<ul style="list-style-type: none"> Geography 	

Industrial Technology and Design

The content taught and the learning experiences encountered within any / all of the Industrial Technology and Design Education units, are designed to provide students with an understanding of materials, systems and technological practice through active investigation and participation.

Industrial Technology and Design Education comprises three main areas of study that provide a wide cross-section of learning experiences. These areas are Design and Technology, Materials and Technologies Specialisations (Wood Bias) and Engineering Principles and Systems (Metal Bias).

- **Design and Technology (DAT):** Students will develop skills in spatial conceptualisation and the representation of information in a graphical format. Other than the introductory unit DAT091, the remaining units in this strand have been developed as stand-alone contextual units. Units from this strand form the basis of skill and knowledge development that will assist students wishing to study Preparatory Graphics Skills, Industrial Graphics Skills, Preparatory Design or Design (Years 10,11 and 12).
- **Materials and Technologies Specialisations (TMT):** The content of the units of this strand will allow students to develop hand and machine skills and an awareness of associated theory in the production of predominately timber artefacts. All units will introduce and examine design principles, as part of the process of manufacture and some of the more advanced units will use Design in the entire process of folio and solution creation.
- **Engineering Principles and Systems (TES):** The structure of units in this strand is similar to those in the TMT Strand, although with a metal bias. Subsequent units are designed around coursework in machining, sheet metal work, and associated Engineering applications. They are discrete units with a product, engineering or design process.

Design and Technology

Subject code:	DAT091 Introductory Design and Graphical Communication (Semester One)	DAT092 Product Design (Semester Two)
Course Description	This unit has been developed to give students a basic understanding of Design and Graphical Communication, through the application of Elements of Design and CAD software. The work covered will provide students with basic visualisation and communication skills that can be expanded with subsequent study.	Students will utilise skills developed in DAT091, to devise 3D models virtually and practically, as solutions to given problems. Emerging technologies will be used to realise these solutions. Content will include: <ul style="list-style-type: none"> • Orthographic (2D) and Pictorial (3D) drawing • Diagrams and Charts; Plane Geometry; and Presentation Graphics.
Prerequisites	NIL	DAT091
Assessment Types	<ul style="list-style-type: none"> • Practical examination • Folio presentation • Continuous class work 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$10 subject charge per semester • USB • Defined lead pencils • Coloured pencils 	
Subjects aligned with in Senior School		
Year 10 Course of Study	<ul style="list-style-type: none"> • Preparatory Industrial Graphic Skills • Preparatory Engineering • Preparatory Design 	Year 11 & 12 Course of Study
		<ul style="list-style-type: none"> • Industrial Graphic Skills • Engineering • Design

Engineering Principles and Systems

Subject code:	TES091 (Semester One)	TES092 (Semester Two)
Course Description	<p>This is a core Metal Technology unit. Emphasis is placed on the development of hand skills through the following applications and processes: fabrication of rectilinear articles from sheet metal incorporating simple edges, seams, and soldering.</p> <p>Basic fitting and turning will also be introduced.</p>	<p>This unit aims to further develop knowledge, skills and processes that were introduced in TES091.</p> <p>The development of hand skills will remain a focus of this unit.</p> <p>However, the design process incorporating project management, criteria for success, sustainability will be the primary mode of learning and teaching utilised.</p> <p>Students will investigate and utilise the Engineering processes to fully investigate possible solutions to elementary design briefs with, primarily, a metal focus.</p>
Prerequisites	NIL	TES091
Assessment Types	<ul style="list-style-type: none"> • Practical examination • Theory recall • Continuous class work/Folio of work 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$24 subject charge per semester • A4 Display Folder • Defined lead pencils • Clear safety glasses 	
Subjects aligned with in Senior School		
Year 10 Course of Study	<ul style="list-style-type: none"> • Preparatory Industrial Technology Skills • Preparatory Engineering 	Year 11 & 12 Course of Study
		<ul style="list-style-type: none"> • Industrial Technology Skills • Engineering

Materials and Technologies Specialisations

Subject code:	TMT091 (Semester One)	TMT092 (Semester Two)
Course Description	<p>This unit is an introductory unit. Emphasis is placed on the development of hand skills and an understanding of media/materials through the following applications and processes: basic framing joints, carcass joints, edge treatment and surface preparation of timber projects.</p> <p>Students will investigate and utilise the design process to fully investigate possible solutions to elementary design briefs.</p>	<p>This unit aims to further develop knowledge, skills and processes that were introduced in TMT091.</p> <p>The development of hand skills will remain a focus of this unit.</p> <p>However, the design process incorporating project management, criteria for success and sustainability will be the primary mode of learning and teaching utilised.</p> <p>Students will investigate and utilise the design process to fully investigate possible solutions to elementary design briefs.</p>
Prerequisites	NIL	TMT091
Assessment Types	<ul style="list-style-type: none"> • Practical examination • Theory recall • Continuous class work/Folio of work 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$28 subject charge per semester • A4 Display Folder • Defined lead pencils • Clear safety glasses 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Furnishing Skills 	<ul style="list-style-type: none"> • Furnishing Skills 	

Languages

The need to communicate is the foundation for all language development. People use language to achieve their personal communicative needs — to express, exchange, interpret and negotiate meaning, and to understand the world around them. Students do not simply learn a language — they participate in a range of interactions in which they exchange meaning and become active participants in understanding and constructing written, spoken and visual texts.

Additional language acquisition contributes to and enriches intellectual, educational, linguistic, metacognitive, personal, social and cultural development. It requires intellectual discipline and systematic approaches to learning, which are characterised by effective planning and organisation, incorporating processes of self-management and self-monitoring.

French and Japanese are subjects suited to students who are interested in pathways beyond school that lead to tertiary studies, vocational education or work. A course of study in languages can establish a basis for further education and employment in many professions and industries.

French

French is the living and working language of over 300 million of the world's people. It is the official language of the United Nations and is used widely in international law, business and diplomacy.

The link between the French and English languages is very close so students are able to make meaningful progress very early in their studies. Students who study French have an opportunity to participate in our established exchange programs with France, Switzerland and New Caledonia.

French Immersion

The French program for French Immersion students does not depend on students having done any prior study of the French language. The total contact time with the French language across the immersion subjects and the support materials provided allow students who have not studied French in primary school to quickly catch up.

Students choosing to study in the French Immersion program must study French in Years 7, 8, 9 and 10, as well as completing the study of Maths, History/Geography, and Science, in the French language. In addition to this in Years 9 and 10, students choose electives. When entering the program in Year 7, students are required to make a commitment to the program for its four-year duration.

Japanese

Learning Japanese provides not only the ability to communicate with visitors from Japan, but also the possibility to use Japanese in a future career or on a visit to Japan, as business opportunities with Japan abound. Students who study Japanese have an opportunity to participate in our established exchange programs with Japan, and participate in several scholarship opportunities.

French

Subject code:	FRE091 (Semester One)	FRE092 (Semester Two)
Course Description	This semester students will learn about home life and routines and weekend activities.	This semester students will learn about food and shopping and places to visit in town.
Prerequisites	Year 8 French	FRE091
Assessment Types	<ul style="list-style-type: none"> • Students are assessed in four skills: Listening, Speaking, Reading and Writing. • Students are assessed on a range of communicative tasks at least once per semester for each skill. 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$15 subject charge per semester 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory French 	<ul style="list-style-type: none"> • French 	

French Immersion

Subject code:	AFR091 (Semester One)	AFR092 (Semester Two)
Course Description	This semester students will explore options for travel and tourism in Japan and for Japanese speakers in Australia, considering the associated cultural conventions. Attitudes of both Australian and Japanese teenagers will be explored through the topic of part time jobs.	Students will discuss future plans including homestay experiences. In addition, the semester will centre on comparing the lifestyles of Japanese students with their own.
Prerequisites	Year 7, 8 French Immersion	Year 7, 8 French Immersion and AFR091
Assessment Types	<ul style="list-style-type: none"> • Students are assessed through short and combination response tasks that cover all four macro skills: Listening, Speaking, Reading, and Writing. 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$23 subject charge per semester 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory French Immersion 	<ul style="list-style-type: none"> • Year 11 Advanced French • Year 12 French Extension 	

Japanese

Subject code:	JAP091 (Semester One)	JAP092 (Semester Two)
Course Description	This semester students will learn about shopping, milestones and family culture.	This semester is centred on fast food and health, leisure and friends and rural versus urban lifestyles.
Prerequisites	Year 7 and 8 Japanese	JAP091
Assessment Types	<ul style="list-style-type: none"> • Students are assessed in four skills: Listening, Speaking, Reading and Writing. • Students are assessed on a range of communicative tasks at least once per semester for each skill. 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$15 subject charge per semester 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Japanese 	<ul style="list-style-type: none"> • Japanese 	

Music

Note: Music Accelerando students cannot select this subject but must select Music Extension.

Subject code:	MUS091 Music and Lyrics (Semester One)	MUS092 Film Music (Semester Two)
Course Description	<p>This semester students will explore music and lyrics through Australian Indigenous, folk, art and contemporary music.</p> <p>Students will:</p> <ul style="list-style-type: none"> • Play guitar and keyboard • Sing a variety of repertoire • Explore chords and the way they are used • Work collaboratively to create music • Compose music 	<p>This semester, students will explore examples of music created for film.</p> <p>Students will explore the role and power of music in film and media; they will look at how the elements of music are used by composers to create mood and narrative within a film.</p> <p>Students will:</p> <ul style="list-style-type: none"> • Perform instrumental and/or vocal music both individually and in a group • Work collaboratively to create music • Compose music
Prerequisites	C or above in Yr 8 English Year 7 and/or 8 Music	C or above in Yr 8 English MUS091
Assessment Types	<p>Items of assessment may include:</p> <ul style="list-style-type: none"> • Composing – individual composition tasks both vocal and instrumental • Performing – Students perform vocal and instrumental music from folk, art, contemporary and film music • Responding – Students will complete an exam relating to the analysis of repertoire. 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$20 subject charge per semester • Earphones • A4 Display Folder • Music Exercise book (with music staves) 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Music • Preparatory Music Extension 	<ul style="list-style-type: none"> • Music • Music Extension (Year 12 only) 	

Music Extension – a compulsory subject for Accelerando students only

Subject code:	MUE091 Music and Lyrics (Semester One)	MUE092 Film Music (Semester Two)
Course Description	<p>This semester students will explore music and lyrics through Australian Indigenous, folk, art and contemporary music.</p> <p>Students will:</p> <ul style="list-style-type: none"> • Play guitar and keyboard • Sing a variety of repertoire • Explore chords and the way they are used • Work collaboratively to create music • Compose music 	<p>This semester, students will explore examples of music created for film.</p> <p>Students will explore the role and power of music in film and media; they will look at how the elements of music are used by composers to create mood and narrative within a film.</p> <p>Students will:</p> <ul style="list-style-type: none"> • Perform instrumental and/or vocal music both individually and in a group • Work collaboratively to create music • Compose music
Prerequisites	C or above in Yr 8 English Year 7 and/or 8 Music	C or above in Yr 8 English MUS091
Assessment Types	<p>Items of assessment may include:</p> <ul style="list-style-type: none"> • Composing – individual composition tasks both vocal and instrumental • Performing – Students perform vocal and instrumental music from folk, art, contemporary and film music • Responding – Students will complete an exam relating to the analysis of repertoire. 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$20 subject charge per semester • Earphones • A4 Display Folder • Music Exercise book (with music staves) 	
Subjects aligned with in Senior School		
Year 10 Course of Study	<ul style="list-style-type: none"> • Preparatory Music • Preparatory Music Extension 	Year 11 & 12 Course of Study
		<ul style="list-style-type: none"> • Music • Music Extension (Year 12 only)

The Arts

The Arts areas are widely recognised as powerful tools that contribute to the overall development of a student's personal, social and cultural identity. They are a means of expression and as such, give students the opportunity to learn about themselves and the world through the Arts. Students develop the knowledge, skills, processes and attitudes necessary to communicate their ideas, feelings and experiences.

Studies in the Arts are strongly recommended for all students as an appreciation of the arts contributes to a balanced education.

The Arts Department offers four subjects in the Junior School – Visual Arts, Drama, Dance, and Media Arts. All Arts subjects are organised through learning experiences and assessment in making and responding.

Dance

Dance is one of the few art forms that allows total expression of self, as well as being a form of exercise that offers a holistic approach to health including elements of physical, mental, spiritual emotional and social health. By becoming involved in Dance, students can expect to develop an increased understanding of the complex factors associated with dance and its place in Australia's culture. Students will use their bodies to express personal and ubiquitous concepts, exploring the diverse genres, styles and contexts of dance by the skill acquisition processes of choreography, performance and appreciation.

Drama

The study of Drama gives students both the opportunity to explore the Drama art form for its own sake and to acquire vital communication and performance skills. It involves observing and empathising with people, characters and works from a variety of cultures. In their study of Drama, students may encounter content that challenges them or that is outside of the scope of their experience.

Media Arts

All public information in the 21st century is mediated through channels of mass communication and non-linear media. They are an integral part of modern life and students come to school with a wide range of experiences with these texts. Opinion, argument, entertainment and 'social information' are all carried by the media, and through this course, students will develop critical thinking skills that are essential to negotiating the complex media landscape. Creative and digital-literacy skills enable students to think, question, create and communicate by designing, producing and critiquing film, TV and new media products.

Visual Arts

Visual Art conveys meaning and knowledge about the world – history, culture, experience, and expression. Art Education develops critical thinking and creative problem solving in an increasingly globalised society, where an understanding of visual literacy enables students to be able to make sense of their environment. In Visual Arts students transform their visual perception and ideas into expression in a material form, via making experiences with a variety of media in two and three dimensions and digital experiences. Visual Arts supports students to view the world through various lenses and contexts. Students recognise the significance of visual arts histories, theories and practices, exploring and responding to artists, craftspeople, designers, and their artworks.

Dance

Subject code:	DAN091	DAN092
Course Description	<p>Students will examine the elements of dance through performance, choreography and appreciation of contemporary dance works. They will build upon their contemporary dance skills and technique to perform a dance inspired by the elements of nature: wind, water, fire and earth.</p> <p>Students will examine how dance is used to communicate a message and activate change in an audience. They will explore a current world issue and choreograph a hip-hop dance that encourages the audience to take positive action.</p>	<p>Students will explore the narrative form and how dance is has been used throughout history and among cultures to tell stories. They will create their own choreographic adaptation of a well-known story using contemporary dance.</p> <p>Students will learn basic jazz technique and performance skills while examining the art of musical theatre. Using these skills and techniques, they will learn a musical theatre jazz routine and perform it for an audience.</p>
Assessment Types	<p>Items of assessment may include:</p> <ul style="list-style-type: none"> • Making: Performance of teacher-devised routine • Making: Student choreography in response to stimulus • Responding: Written analysis of relevant dance works 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$10 subject charge per semester 	
Subjects aligned with in Senior School		
Year 10 Course of Study <ul style="list-style-type: none"> • Preparatory Dance 	Year 11 & 12 Course of Study <ul style="list-style-type: none"> • Dance 	

Drama

Subject code:	DRA091 Welcome to Drama	DRA092 Acting it Out
Course Description	<p>Students will explore the elements of drama through role play and scripted work.</p> <p>Through a variety of learning experiences and practical workshops students will gain an understanding of the skills required to improvise scenes, work collaboratively, present polished performances and analyse performance for dramatic meaning.</p> <p>Students will study two units:</p> <ul style="list-style-type: none"> • Improvisation • The Elements of Drama <p>Relevant excursions and workshops will form part of the course.</p>	<p>Students will explore the techniques of communication and respond to dramatic works.</p> <p>They will become familiar with the features of expressive movement and develop and present their own movement piece in small groups.</p> <p>Students will analyse the features of effective comedy performances and present a scripted comedy performance in groups.</p> <p>Students will study two units:</p> <ul style="list-style-type: none"> • Physical Theatre • Comedy <p>Relevant excursions and workshops will form part of the course.</p>
Assessment Types	<p>Items of assessment may include:</p> <ul style="list-style-type: none"> • Making: improvisation in response to a stimulus material • Making: presentation of a scene from a published play script • Responding: extended written response 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$15 subject charge per semester 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Drama 	<ul style="list-style-type: none"> • Drama 	

Media Arts

Subject code:	MED091 Playing with Pixels: Introduction to Animation	MED092 Visions of the future: Science Fiction
Course Description	<p>Students explore the history of animation and compare traditional and digital animation techniques.</p> <p>Elements of film language such as shot types, angles and camera movement are examined through the design and production of a short narrative animation.</p> <p>Students will also analyse the way in which technical and symbolic codes in Animation are used to create meaning for audiences.</p>	<p>Students will explore the history of the Science Fiction genre and the development of special effects technology. Through analysing and appraising a feature film, students extend their understanding of how film languages to create meaning for audiences.</p> <p>Students will develop skills in script writing, storyboarding, camera use and compositing of green screen effects in editing by creating a science fiction short film sequence.</p>
Assessment Types	<p>Items of assessment may include:</p> <ul style="list-style-type: none"> • Making Design: Treatment and Storyboard (design a short-animated film) • Making Production: Animation (produce a short digital or stop motion animation) • Responding: Extended Response (analysis of a short-animated film) 	<p>Items of assessment may include:</p> <ul style="list-style-type: none"> • Making Design: Script (design a science fiction sequence) • Making Production: Science Fiction Short Film Sequence (film and edit a film sequence using green screen effects) • Responding: Short Answer Response (analysis of a feature film)
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$25 subject charge per semester • Portable hard drive or large capacity USB • Headphones 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Film, Television and New Media 	<ul style="list-style-type: none"> • Film, Television and New Media • Media Arts in Practice 	

Visual Arts

Subject code:	ART091 Contemporary Art 1	ART092 Contemporary Art 2
Course Description	<p>Students will focus on deconstruction, reconstruction and the idea of bio-mechanical creatures to create a sculptural piece using both ceramic and assemblage techniques.</p> <p>Students use the idea of series and multiples to produce a series of mini-works using traditional and digital media.</p> <p>Media areas covered can include: drawing, collage, ceramics, photography, scanner art, lino printing and watercolour painting.</p> <p>Students will examine the works of contemporary artists in these units.</p> <p>Gallery visits to current exhibitions may occur as part of the course.</p>	<p>Students explore mixed media artworks and construction techniques to create wearable art pieces or constructed sculptural works and associated styled photoshoot.</p> <p>Students will examine a variety of art styles such as Cubism to use as influence in painting portraiture works in a contemporary context.</p> <p>Media areas/processes covered can include: drawing, design, assemblage and construction, photography and painting.</p> <p>Students will examine the works of traditional and contemporary artists in the course.</p> <p>Gallery visits to current exhibitions may occur as part of the course.</p>
Assessment Types	<p>Items of assessment may include:</p> <ul style="list-style-type: none"> • Making: sculpture, 2D folio, wearable or sculptural art piece/s, photoshoot, painting • Responding: a written research assignment and critique • Making/Responding: process work in a visual diary associated with research, ideas, developmental work and reflections 	
Cost and Materials	<ul style="list-style-type: none"> • Approximately \$28 subject charge per semester • Material charges • Visual diary 	
Subjects aligned with in Senior School		
Year 10 Course of Study	Year 11 & 12 Course of Study	
<ul style="list-style-type: none"> • Preparatory Visual Arts 	<ul style="list-style-type: none"> • Visual Arts • Visual Arts in Practice 	