



ST JOHN'S COLLEGE NAMBOUR

YEAR 9 CURRICULUM HANDBOOK

2020

(Version 1.1)

Year 9 Curriculum Handbook 2020 (Published August 2019)

Contents

SUBJECT SELECTION	3
RELIGIOUS EDUCATION.....	6
ENGLISH AND LANGUAGES.....	11
MATHEMATICS	20
HUMANITIES.....	27
HEALTH & PHYSICAL EDUCATION	35
SCIENCE.....	39
THE ARTS	44
DESIGN TECHNOLOGY	56
DIGITAL TECHNOLOGY	66
FOOD TECHNOLOGY AND HOSPITALITY	69
YEAR 9 SUBJECT SELECTION PLANNER.....	74

SUBJECT SELECTION

General Information about subject selections in Junior Years at St. John's College:

In choosing subjects, we recommend that students:

- Choose subjects that they are good at;
- Choose subjects that they like;
- Be realistic in making choices according to their ability, including taking into account recommendations made by teachers and Curriculum Leaders.
- Choose subjects which they wish to study – DO NOT choose subjects simply to be with friends or because you like the teacher!
- Choose a broad range of subjects;
- Consider a long term approach to choosing subjects – look at what is available in Semester 1 and Semester 2, choose subjects you are interested in, but also topics which you are keen to study.
- Choose subjects which lead into areas of study in Years 11 and 12 that students might be interested in pursuing;
- Choose subjects that are prerequisites for courses that they wish to do after Year 12 (for example, at TAFE or University level) – ***THIS IS PARTICULARLY IMPORTANT IN THE AREAS OF ENGLISH, MATHEMATICS, SCIENCE, HISTORY AND THE ARTS.***

For the different year levels, we recommend:

- **For Year 9 students:**

Try a range of electives so that they keep their options open for the future. Students should not be afraid to try something new in these year levels if they think that they may be interested in studying it further in the future. It is important for these students to consider all alternatives so that they get a number of different experiences during these years.

When you are entering into Year 10, you should be seriously choosing subjects which lead into areas which they are interested in studying in Years 11 and 12. Many subjects will be introducing concepts which will be re-visited in the Senior Years, so studying those courses in Year 10 could be helpful in gaining a better insight into what to expect in Senior. Students select year-long subjects and have to apply to change subjects throughout the year.

What will students study:

YEAR 8	YEAR 9	YEAR 10
Religious Education (whole year) English (whole year) Mathematics (whole year) Humanities (whole year) Science (whole year) Health & Physical Education (whole year) 4 Student Selected (Elective) subjects – 2 per semester	Religious Education (whole year) English (whole year) Mathematics (whole year) Humanities (whole year) Science (whole year) Health & Physical Education (whole year) 6 Student Selected (Elective) subjects – 3 per semester	Religious Education (whole year) English (whole year) Mathematics (whole year) 4 Student Selected (Elective) subjects – Whole of year subjects – students must apply to do any changes throughout the year and such changes will be limited.

Getting started:

Whilst many students in all year levels do not know exactly what career to pursue, they should try to determine the areas of future employment they might enjoy. Much can be learned from re-visiting their My Career Match Profile, exploring career websites and quizzes e.g. myfuture - <http://www.myfuture.edu.au/> ; Job Outlook - <http://joboutlook.gov.au/careerquiz.aspx> ; Career Quest - <http://www.careers.govt.nz/tools/> ; studying the Job Guide and talking to people who work in areas of interest to you.

If you are struggling to find a career path or direction, a really great place to start is the **Student Connect website**. <http://www.studentconnect.qcaa.qld.edu.au>. The Student Connect website is designed, maintained and provided for by the Queensland Government in conjunction with educational authorities.

It is ideal for families to use and provides a starting point for discussion:

- ✓ identifying interests and abilities through actual exercises
- ✓ exploring suitable career paths
- ✓ decision making and planning

The College's Careers Department also operates a website:

<http://www.stjohnscollegecareers.com/>.

This is a valuable resource for students and families to utilise as much of the research has already been completed. Students should register in the Secure Student Area to access many career planning quizzes and resources.

Changes to Senior Secondary Schooling processes from 2019

The system of Senior Secondary Schooling will be changing in 2019. These changes will impact on the Year 11 students from 2019. Important changes include the introduction of subject based external assessment pieces for many subjects and the replacing of the OP Score with ATAR results.

Students, Parents and Carers will be provided with additional information in regards to these changes and how they are implemented at St John's College in the lead up to subject selections for the Senior Years.

General information relating to Senior education in Queensland is available at www.qcaa.qld.edu.au.

Where to get advice:

At St John's College, almost anyone can be a source of information about subjects. In particular, you could talk to:

- ❖ Curriculum Middle Leaders and teachers to gain information about their particular subjects.
- ❖ Years 10 – 12 Pastoral Middle Leaders about transition issues from Junior to Senior years.
- ❖ The Pathways Team – particularly for those students who are interested in traineeships and apprenticeships in future years.
- ❖ Members of the College Leadership Team.
- ❖ Students who are currently studying those subjects which you are interested in.

This Handbook:

We encourage you to take the time to read this handbook so that you can make wise and informed choices. It is set out in department areas so that you can see what subjects are available in each department for Year 9.

This will take some time to work through, but we believe it is time that is well invested for you to achieve successful future outcomes.

In particular, you should consider:

- Which topics are being studied in each semester of these subjects and pick areas which you are most interested in;
- What subjects do you most want to study? These should be your first preferences to give yourself the best chance of receiving these choices.
- Look to plan your ideal program across Years 8 to 10 so that you can see a pathway emerging of what subjects you might like to study in Years 11 and 12. The table below can assist with this.

YEAR 8 SEMESTER 1	YEAR 8 SEMESTER 2	YEAR 9 SEMESTER 1	YEAR 9 SEMESTER 2	YEAR 10 SEMESTER 1	YEAR 10 SEMESTER 2
RE English Mathematics Humanities Science Health & Physical Education	RE English Mathematics Humanities Science Health & Physical Education	RE English Mathematics Humanities Science Health & Physical Education	RE English Mathematics Humanities Science Health & Physical Education	RE English Mathematics NOTE: Students will be required to select at least one Science subject in their preferences unless they have applied and been approved to be exempt from this.	
ELECTIVE 1	ELECTIVE 1	ELECTIVE 1	ELECTIVE 1	ELECTIVE 1	
ELECTIVE 2	ELECTIVE 2	ELECTIVE 2	ELECTIVE 2	ELECTIVE 2	
		ELECTIVE 3	ELECTIVE 3	ELECTIVE 3	
				ELECTIVE 4	

RELIGIOUS EDUCATION

AVAILABLE SUBJECTS

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Fiona Baker		
Code: 09RE31	Subject Name – Religious Education 3-1	Length: 1 Semester

Overview	<p>Lighting up the World</p> <p>In Year 9, Term 1 students develop their understanding of the experience of sin throughout human history and some ways in which the Church responded to the presence of good and evil in the past (c.1750 CE - 1918 CE). They learn about the priestly, prophetic and kingly work of Jesus Christ and ways in which believers live their Christian vocation by participation in this work.</p> <p>Students consider sources of inspiration, strength and guidance for believers today, including Catholic social teaching.</p> <p>Exploring the Sacred</p> <p>In Year 9, Term 2, students consider sources of inspiration, strength and guidance for believers today, including the three forms of penance (prayer, fasting and almsgiving), Scripture, celebration of the Sacraments of Healing (Penance and Anointing of the Sick), and personal and communal prayer experiences. They continue to develop their understanding of prayer in the Christian tradition through an exploration of the writings of Christian spiritual fathers and mothers, prayers for forgiveness and healing, Christian Meditation and meditative prayer practices, including praying with labyrinths.</p> <p>Students learn about the divergent understandings of God (Allah, God, G*d) in the monotheistic religions (Islam, Christianity, Judaism).</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	Subject specific content knowledge and skills acquired in Year 8
Topics Studied:	<p>Term 1:</p> <ul style="list-style-type: none"> • Human Dignity • Christian Vocation <p>Term 2:</p> <ul style="list-style-type: none"> • God's Grace • Prayer • Abrahamic Religions

	Skills: Interpret, refer to examples, explain, evaluate, examine
Assessment:	Term 1: Analytical and Evaluative Paragraph Term 2: Research Booklet
Pathways to Level 4	Students must continue to study Religious Education throughout Years 9 to 12.
Career Pathways	
Additional fees and charges	NIL
Additional information	This subject is studied by all students in Year 9 during Semester 1.

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Fiona Baker		
Code: 09RE32	Subject Name – Religious Education 3-2	Length: 1 Semester

Overview	<p>Scripture Detectives</p> <p>In Year 9, Term 3, students are introduced to two forms of Biblical criticism, namely form criticism and narrative criticism, and develop the ability to apply these to help their understanding, interpretation and use of a range of Biblical texts.</p> <p>They develop their understanding of three foundational beliefs of Christianity (the Incarnation, Resurrection and Ascension of Jesus) and consider their significance for believers.</p> <p>The Future is in my Hands</p> <p>In Year 9, Term 4, students develop their understanding of the experience of sin throughout human history and some ways in which the Church responded to the presence of good and evil in the past (c.1750 CE - 1918 CE).</p> <p>They consider sources of inspiration, strength and guidance for believers today, including Catholic social teaching.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	Subject specific content knowledge and skills acquired in Semester 1.
Topics Studied:	<p>Term 3:</p> <ul style="list-style-type: none"> • Genesis • Writings of the Messiah • Jesus: the Man • the Spirit and the Father. <p>Term 4:</p> <ul style="list-style-type: none"> • Ethics and Social Justice <p>Skills: demonstrate, interpret, examine, draw conclusion, refer to examples, make judgements, analyse evaluate</p>

Assessment:	Term 3: Research Booklet and creation of a children's book Term 4: Analytical and Evaluative Paragraphs
Pathways to Level 4	Students must continue to study Religious Education throughout Years 9 to 12.
Career Pathways	
Additional fees and charges	NIL
Additional information	This subject is studied by all students in Year 9 during Semester 2.

ENGLISH AND LANGUAGES

AVAILABLE SUBJECTS

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Maree Anning		
Code: 09ENG31	Subject Name – English 3-1	Length: 1 Semester

Overview	<p><i>Writing Unit (Grammar Skills; Imaginative and Analytical Writing)</i></p> <p>All students, regardless of which class they are in, study the same units and complete the same Formative and Summative assessment. Teachers facilitate the learning within the English classes and students study the units at a level of complexity and depth suitable to their individual language and literacy needs. The focus for this unit in Semester 1 English centres on improving students' writing skills. This unit is divided into three sections:</p> <ul style="list-style-type: none"> - Explicit teaching of Grammar; - Imaginative Writing creating a Gothic Story - Analytical Writing in response to Australian Poetry
Prerequisites / Recommended Prior Study / Assumed Knowledge	It is assumed that students entering this course have some knowledge of Imaginative, Analytical and Persuasive language skills, as well as knowledge of the changes in English Language through the ages; and prior study of poetry, play and novel texts.
Topics Studied:	<ul style="list-style-type: none"> • Improving Writing Skills • Imaginative Writing • Analytical Writing
Assessment:	<p>Imaginative Writing Assignment</p> <p>Analytical Writing Examination</p>
Pathways to Level 4	Students complete English units in Years 10
Career Pathways	Students will be required to obtain a C- level grade or higher in an English subject in Years 11 and 12 in order to obtain an ATAR or QCE. Additionally, many university courses require a C- level grade or higher in Senior English subjects to gain entry to the course.
Additional fees and charges	NIL

Additional information	This subject is studied by all students in Year 9 during Semester 1.
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LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Maree Anning		
Code: 09ENG32	Subject Name – English 3-2	Length: 1 Semester

Overview	<p>This semester, English is divided into two units of work:</p> <p><i>Responding to Novel Texts</i> This unit extends students' prior knowledge of analytical written skills and structure. The focus is to develop students' understanding of analysing a novel text; and to introduce students to the analytical essay structure. Selected novels could include: <i>Artemis Fowl</i>, <i>Don't Call Me Ishmael</i>, <i>To Kill a Mockingbird</i>, <i>Northern Lights</i>, <i>The Gathering</i>, <i>Looking for Alibrandi</i>.</p> <p><i>Responding to Shakespearean Play Texts</i> This unit extends students' prior knowledge of Shakespearean language in reading and deconstructing a Shakespearean play, such as <i>Romeo and Juliet</i>. The main characters will be explored, along with the plot, themes and language of the text.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	It is assumed that students have prior knowledge of Imaginative, Analytical and Persuasive language skills; knowledge of the changes in English Language; and prior study of poetry, play and novel texts.
Topics Studied:	<ul style="list-style-type: none"> • Analysing language in a Novel and Shakespearean Play Text • Analytical Essay Structure • Monologue writing and performance skills.
Assessment:	<p>Analytical Essay Examination</p> <p>Individual Spoken Monologue Performance</p>
Pathways to Level 4	Students complete English units in Years 10.
Career Pathways	Students will be required to obtain a C- level grade or higher in an English subject in Years 11 and 12 in order to obtain an ATAR or QCE. Additionally, many university courses require a C- level grade or higher in Senior English subjects to gain entry to the course.

Additional fees and charges	NIL
Additional information	This subject is studied by all students in Year 9 during Semester 2.

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Maree Anning****Code: 09IND31****Subject Name - Indonesian 3-1****Length: 1 Semester**

<p>Overview</p>	<p>Indonesian — or <i>Bahasa Indonesia</i> as it is known— is spoken by approximately 230 million people throughout Indonesian. The ties between Australia and Indonesia continue to develop, with an increasing number of Australians travelling to Indonesia, for leisure, business and education purposes. Indonesia currently has Australia's largest overseas diplomatic presence.</p> <p>Why learn a second language?</p> <p>Indonesian is a valuable language for Australians to learn. It enhances:</p> <ul style="list-style-type: none"> • cognitive and problem solving skills • increased social skills • insights into another culture • career paths and opportunities <p>At this level, students bring to their learning prior knowledge of Indonesian language and culture, and a range of language learning strategies by participating individually and in groups such as conversing with Indonesian peers, reviewing a video clip or planning an excursion. Students acquire skills in analysing and translating texts, such as emails, itineraries, articles and songs. They use modelled language to write; such as journal entries, emails, blogs and scripts.</p>
<p>Prerequisites / Recommended Prior Study / Assumed Knowledge</p>	<p>Recommended satisfactory completion of Level 2 Indonesian</p>
<p>Topics Studied:</p>	<p>Famous Personalities and Entertainment Describing favourite personalities and discussing types of entertainment.</p> <p>Travelling around Bali. Focussing on transportation, directions and places to visit in Bali.</p>
<p>Assessment:</p>	<p>Portfolio of Tasks including one sample of Speaking, Reading, Listening and Writing Skills.</p>

Pathways to Level 4	Level 3-2 Indonesian
Career Pathways	Linguist/Interpreter, Travel and Tourism, International Relations, International Business, Flight Attendant, Foreign Correspondent, Teacher, Defence, Journalism
Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Maree Anning****Code: 09IND32****Subject Name – Indonesian 3-2****Length: 1 Semester**

<p>Overview</p>	<p>Indonesian — or <i>Bahasa Indonesia</i> as it is known— is spoken by approximately 230 million people throughout Indonesian. The ties between Australia and Indonesia continue to develop, with an increasing number of Australians travelling to Indonesia, for leisure, business and education purposes. Indonesia currently has Australia's largest overseas diplomatic presence.</p> <p>Why learn a second language?</p> <p>Indonesian is a valuable language for Australians to learn. It enhances:</p> <ul style="list-style-type: none"> • cognitive and problem solving skills • increased social skills • insights into another culture • career paths and opportunities <p>Learning experiences include performing a role play attending the markets and bargaining for price. Using cultural realia to read a food menu and place a meal order. Students designing an advertising campaign related to current environmental issues. Students acquire skills in analysing and translating increasingly complex texts, such as emails, recipes to prepare and Indonesian dish, poems, articles and songs. They use modelled language to write for personal and public purposes, such as journal entries, emails, blogs, scripts, and notes for a speech or debate.</p>
<p>Prerequisites / Recommended Prior Study / Assumed Knowledge</p>	<p>Recommended satisfactory completion of Level 2 Indonesian</p>
<p>Topics Studied</p>	<p>Shopping and Eating Out Bargaining at the Markets, Ordering and Paying for food</p> <p>Master Chef Indonesian Style</p> <p>Ceremonies and Celebrations Weddings, Birthdays, Rituals and Parties.</p>

Assessment:	Portfolio of Tasks including one sample of Speaking, Reading, Listening and Writing Skills.
Pathways to Level 4	Level 3-2 Indonesian
Career Pathways	Linguist/Interpreter, Travel and Tourism, International Relations, International Business, Flight Attendant, Foreign Correspondent, Teacher, Defence, Journalism
Additional fees and charges	NIL
Additional information	NIL

MATHEMATICS

AVAILABLE SUBJECTS

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Tegan Stewart		
Code: 09MAT31	Subject Name – Mathematics 3-1	Length: 1 Semester

Overview	<p>By the end of Semester 1, students should have the following proficiencies: Understanding: describing the relationship between graphs and equations, explaining the use of relative frequencies to estimate probabilities and of the trigonometric ratios for right-angle triangles. Fluency: listing outcomes for experiments, developing familiarity with calculations involving the Cartesian plane. Problem-solving: applying ratio and scale factors to similar figures, solving problems involving right-angle trigonometry, using two-way tables and Venn diagrams to calculate probabilities and collecting data from secondary sources to investigate an issue. Reasoning: following mathematical arguments, finding estimates of means and proportions of populations, evaluating media reports and using statistical knowledge to clarify situations, developing strategies in investigating similarity and sketching linear graphs.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	Assumed Knowledge: Successful completion of Year 8 Mathematics.
Topics Studied:	<p>Students will undertake studies in the following ACARA topics:</p> <ul style="list-style-type: none"> • Linear Relationships • Geometric Reasoning • Trigonometry • Statistics and Probability
Assessment:	<ul style="list-style-type: none"> • Students will complete 4 Formative assessment pieces. • Students will complete 2 Summative assessment pieces.
Pathways to Level 4	Students complete Mathematics units in Year 10.
Career Pathways	Students will be required to obtain a C- level grade or higher in a Mathematics subject in Years 11 and 12 to obtain a QCE. Additionally, many university courses require a C- level grade or higher in General Senior Mathematics subjects to gain entry to the course.

Additional fees and charges	NIL
Additional information	At the end of Semester 1, Year 9 students' results are analysed, to determine new class groups for Semester 2. The classes are designed to best prepare students in their senior studies of the following QCAA Mathematics subjects; Essential Mathematics, General Mathematics, Methods and Specialists.

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Tegan Stewart		
Code: 09MAT32	Subject Name – Mathematics 3-2 - Core	Length: 1 Semester

Overview	By the end of Semester 2, students should have the following proficiencies: Understanding: applying the four operations to algebraic fractions, finding unknowns in formulas after substitution, making the connection between equations of relations and their graphs, comparing simple and compound interest in financial contexts and determining. Fluency: factorising and expanding algebraic expressions, using a range of strategies to solve equations and using calculations to investigate the shape of data sets. Problem-solving: calculating the surface area and volume of a diverse range of prisms to solve practical problems, finding unknown lengths and angles using applications of trigonometry, using algebraic and graphical techniques to find solutions to simultaneous equations and inequalities. Reasoning: following mathematical arguments.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Assumed Knowledge: Successful completion of Year 8 Mathematics.
Topics Studied:	Students will undertake studies in the following ACARA topics: <ul style="list-style-type: none"> • Linear Relationships • Algebra • Measurement • Financial Mathematics
Assessment:	<ul style="list-style-type: none"> • Students will complete 4 Formative assessment pieces. • Students will complete 2 Summative assessment pieces.
Pathways to Level 4	Students complete Mathematics units in Year 10, Mathematics 4-3 – Core.
Career Pathways	Students will be required to obtain a C- level grade or higher in a Mathematics subject in Years 11 and 12 to obtain a QCE. Additionally, many university courses require a C- level grade or higher in General Senior Mathematics subjects to gain entry to the course.

Additional fees and charges	NIL
Additional information	This subject is studied by all students in Year 9 during Semester 2. Class groups may change slightly throughout Semester 2, to best prepare students in their future senior studies of QCAA Mathematics subjects.

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Tegan Stewart		
Code: 09MAT32	Subject Name – Mathematics 3-2 – Extension	Length: 1 Semester

Overview	By the end of Semester 2, students should have the following proficiencies: Understanding: describing the relationship between graphs and equations, simplifying a range of simple and complex algebraic expressions. Fluency: factorising and expanding algebraic expressions, and using a range of strategies to solve equations trigonometric ratios for complex triangles. Problem-solving: solving simple and complex problems involving right-angle and non-right-angle trigonometry, using algebraic and graphical techniques to find solutions to simultaneous equations. Reasoning: developing strategies in investigating similarity and sketching linear graphs.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Assumed Knowledge: Successful completion of Year 8 Mathematics.
Topics Studied:	Students will undertake studies in the following ACARA topics: <ul style="list-style-type: none"> • Linear Relationships • Algebra • Trigonometry • Advanced Trigonometry
Assessment:	<ul style="list-style-type: none"> • Students will complete 4 Formative assessment pieces. • Students will complete 2 Summative assessment pieces.
Pathways to Level 4	Students complete Mathematics units in Year 10, Mathematics 4-3 – Extension.
Career Pathways	Students will be required to obtain a C- level grade or higher in a Mathematics subject in Years 11 and 12 to obtain a QCE. Additionally, many university courses require a C- level grade or higher in General Senior Mathematics subjects to gain entry to the course.

Additional fees and charges	NIL
Additional information	This subject is studied by all students in Year 9 during Semester 2. Class groups may change slightly throughout Semester 2, to best prepare students in their future senior studies of QCAA Mathematics subjects.

HUMANITIES

AVAILABLE SUBJECTS

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Steven Crawley		
Code: 09GEO32	Subject Name – Geography 3-1	Length: 1 Semester

Overview	GEOGRAPHY : The course studies places and environments and examines the cause and consequences of change, the implications and interconnections of change and the management required. They use a range of methods and digital technologies to interpret and analyse maps, data and other information to propose explanations for patterns, trends, relationships and anomalies across time and space, and to predict outcomes and propose solutions.
Prerequisites / Recommended Prior Study / Assumed Knowledge	It is assumed students have prior knowledge of inquiry skills with a focus on representing multi-variable data in an appropriate range of digital and non-digital forms.
Topics Studied:	<ul style="list-style-type: none"> • Biomes and Food Security • Geographies of interconnection.
Assessment:	Biomes – examination Interconnection - Portfolio
Pathways to Level 4	Geography
Career Pathways	Careers that involve presenting information in graphical forms or interpreting data and in the STEM areas such as meteorology, town planning, environment science, landscape architect, logistics, farming, aid workers, risk management, retail demographer.
Additional fees and charges	NIL
Additional information	This subject is studied by all students in Year 9.

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Steven Crawley		
Code: 09HIS31	Subject Name – History 3-2	Length: 1 Semester

Overview	<p>HISTORY : The course takes a world history approach within which the history of Australia is taught. It does this to equip students for the world (local, regional and global) in which they live. Focus continues on developing skills in historical knowledge and understanding and historical inquiry. There is an increasing emphasis on historical interpretation and the analysis and use of evidence.</p> <p>CIVICS is offered via a separate elective of Legal Studies from Year 9.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	It is assumed students have prior knowledge of historical knowledge, inquiry and skills.
Topics Studied:	<ul style="list-style-type: none"> • The changing features of the movements of people from 1750 to 1918. • Contribution of new ideas and technological developments • Imperialism and the significance of World War I.
Assessment:	<p>Industrial Revolution – source analysis examination</p> <p>World War 1 - historical inquiry of a local soldier's experience</p>
Pathways to Level 4	History Study of Religion
Career Pathways	History, both knowledge and skills, assists careers in areas where an understanding of society is required. These include journalism, media, government, culture, archaeologist, religion, foreign affairs, defence force, teacher.
Additional fees and charges	NIL
Additional information	This subject is studied by all students in Year 9.

LEVEL 3 ELECTIVE SUBJECT (generally studied in year 9)**Contact Person: Steven Crawley****Code: 09LST31****Subject Name – Legal Studies 3-1****Length: 1 Semester**

Overview	<p>NOTE – STUDENTS CAN ONLY STUDY LEGAL STUDIES ONCE IN YEAR 9 ... THE COURSE IN SEMESTER 2 WILL BE A REPEAT OF THE SEMESTER 1 COURSE.</p> <p>LEGAL STUDIES : Individuals and groups in Australian society are faced with many significant legal and social issues. To deal with these issues, people need to understand their legal rights and responsibilities. In Legal Studies, students develop an understanding of the ways in which the legal system can affect the lives of Australian citizens.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	NIL
Topics Studied:	<ul style="list-style-type: none"> • You and the Law • A day in Court
Assessment:	<p>Report</p> <p>Examination</p>
Pathways to Senior Schooling	Legal Studies
Career Pathways	Employment in the area of government, politics, journalism, justice and the law. Examples could include Forensic science, police, lawyer, public service, legal administrator, courthouse, prisons, social workers, environmental law
Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Steven Crawley****Code: 09ECBUS31****Subject Name - Business 3-1****Length: 1 Semester**

Overview	<p>BUSINESS provides students with opportunities to consider the characteristics of successful entrepreneurs and successful businesses. Students gain an understanding of the types of businesses and the way business can respond to opportunities. Economics and business develops their knowledge of consumer rights and responsibilities.</p> <p>Through real learning opportunities including running a business venture. Students develop enterprising skills such as flexibility, ability to be innovative; team work; initiative and leadership.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	NIL
Topics Studied:	<ul style="list-style-type: none"> • Entrepreneurship – Who's the Boss? • Business Decisions – Shark Tank Style • Tourism and the Global Economy
Assessment:	<p>Business Investigation Report</p> <p>Combination Examination</p>
Pathways to Level 4	Level 3
Career Pathways	Accountant, Business Owner, Personal investor, Financial Planner, Marketing, Events Management, International Business, Working in Business, Finance & Insurance industries. business management, business development, entrepreneurship, business analytics, economics, business law, accounting and finance, international business, marketing, human resources management and business information systems.
Additional fees and charges	NIL

Additional information	NIL
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LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Steven Crawley****Code: 09ECBUS32****Subject Name – Business 3-2****Length: 1 Semester**

Overview	BUSINESS provides students with opportunities to consider how the participants of the global economy are dependant on each other. Students develop an understanding of Australia's position as a trading nation within the rising economies of Asia and broader global economy. Students learn the importance of corporate social responsibility in business. In the running of a business venture, students develop enterprising skills such as flexibility, ability to be innovative; team work; initiative and leadership. They examine the impact of business decisions.
Prerequisites / Recommended Prior Study / Assumed Knowledge	NIL
Topics Studied:	<ul style="list-style-type: none"> • SJC Market Day • Consumer Law • Marketing for the Future
Assessment:	Business Report Combination Examination
Pathways to Level 4	Level 3
Career Pathways	Accountant, Business Owner, Personal investor, Financial Planner, Marketing, Events Management, International Business, Working in Business, Finance & Insurance industries. business management, business development, entrepreneurship, business analytics, economics, business law, accounting and finance, international business, marketing, human resources management and business information systems.
Additional fees and charges	NIL

Additional information	NIL
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HEALTH & PHYSICAL EDUCATION

AVAILABLE SUBJECTS

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Paul O'Dwyer		
Code: 09HPE31	Subject Name – Health & Physical Education 3-1	Length: 1 Semester

Overview	<p>Students explore the various issues surrounding drugs and alcohol and are guided to develop a range of strategies to cope with peer pressure and handling unsafe situations.</p> <p>Students also participate in a variety of physical activities designed to encourage participation in lifelong physical activity. To develop their skills to evaluate and analyse their own physical performance, students will collect data including video and statistics to make decisions across several sports.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	Content builds on knowledge from previous years HPE curriculum.
Topics Studied:	<ul style="list-style-type: none"> • Drugs & Alcohol • Game & Performance Analysis • Swim Survival, Touch football and Oz Tag.
Assessment:	Investigative Research task – Multimodal Presentation
Pathways to Level 4	Students will build on this knowledge in Year 10.
Career Pathways	Health care industry, social work, physical sciences.
Additional fees and charges	NIL
Additional information	This subject is studied by all students in Year 9.

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Paul O'Dwyer		
Code: 09HPE32	Subject Name – Health & Physical Education 3-2	Length: 1 Semester

Overview	<p>Students learn that being made in God's image, gifts them with the capacity and responsibility to grow in, advocate for, and contribute to the health, safety and wellbeing of individuals and communities. They will investigate the relationship between sexuality, sex and chastity and the capacity to live an ethical, hope-filled and wholehearted life.</p> <p>Students are supported to manage and express emotions responsibly and compassionately for the good of self and others. They will practise and apply moral decision making to honour and protect the dignity, safety and wellbeing of all.</p> <p>During Term 4, students explore the various systems of the body and the role they play in their health. Throughout the semester students will also participate in a variety of physical activities designed to encourage participation in lifelong physical activity.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	Content builds on knowledge from previous years HPE curriculum.
Topics Studied:	<ul style="list-style-type: none"> • Relationships & Sexual Health • Anatomy & Body Systems • Soccer/Futsal, AFL and Dance
Assessment:	<p>Research report</p> <p>Unseen exam.</p>
Pathways to Level 4	Students will build on this knowledge in Year 10.
Career Pathways	Health care industry, social work, physical sciences.
Additional fees and charges	NIL

Additional information	This subject is studied by all students in Year 9.
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SCIENCE

AVAILABLE SUBJECTS

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Shaun Lendrum		
Code: 09SCI31	Subject Name – Science 3-1	Length: 1 Semester

Overview	<p>Students are introduced to atom as a system of protons, electrons and neutrons, and how this system can change through nuclear decay. They are introduced to the concept of the conservation of matter and begin to develop a more sophisticated view of energy transfer.</p> <p>Students use knowledge of scientific concepts to draw conclusions that are consistent with evidence</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	NIL
Topics Studied:	<p>Chemical and Physical Sciences</p> <ul style="list-style-type: none"> • Atomic structure • Ions • Chemical reactions • Periodic table • Acids and bases • Chemical equations • Waves • Electromagnetic Spectrum • Electrical circuits
Assessment:	<p>Test</p> <p>Practical Report</p> <p>Assignment</p>
Pathways to Level 4	Students gain the skills and knowledge to progress their understanding of the Scientific method, Physical and Chemical Sciences in Level 4 (Year 10)

Career Pathways	A course of study in Physics and Chemistry can establish a basis for further education and employment in the fields of forensic science, environmental science, engineering, medicine, pharmacy and sports science.
Additional fees and charges	NIL
Additional information	This subject is studied by all students in Year 9.

LEVEL 3 CORE SUBJECT (studied in Year 9)		
Contact Person: Shaun Lendrum		
Code: 09SCI32	Subject Name – Science 3-2	Length: 1 Semester

Overview	Students explore ways in which the human body as a system responds to its external environment and the interdependencies between biotic and abiotic components of ecosystems. Students design questions that can be investigated using a range of inquiry skills. They analyse trends in data, identify relationships between variables and reveal inconsistencies in results. They analyse their methods and the quality of their data.
Prerequisites / Recommended Prior Study / Assumed Knowledge	NIL
Topics Studied:	<p>Biological, Earth and Space Sciences</p> <ul style="list-style-type: none"> • Nervous system • Endocrine system • Homeostasis • Causes of Disease • Ecosystems and measuring abiotic and biotic factors • Tectonic Plates • Earthquakes and Volcanoes
Assessment:	<p>Tests</p> <p>Assignment</p>
Pathways to Level 4	Students gain the skills and knowledge to progress their understanding of the Scientific method, Biological and Earth Sciences in Level 4 (Year 10)
Career Pathways	A course of study in Biological and Earth Sciences can establish a basis for further education and employment in geoscience, agriculture, sports science, soil science and environmental science
Additional fees and charges	NIL

Additional information	This subject is studied by all students in Year 9.
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THE ARTS

AVAILABLE SUBJECTS

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Patrick Wilson****Code: 09DRA31****Subject Name – Drama 3-1****Length: 1 Semester**

Overview	<p>Process drama is unscripted. Students work in role and participate in an imagined dramatic situation.</p> <p>In collage drama, students learn a variety of drama conventions and performance skills. They develop confidence performing in a series of scenes exploring contemporary themes.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Drama 2.
Topics Studied:	<p>Process drama explores imagined and real historical and contemporary events.</p> <p>Collage drama explores themes through a variety of stimuli and develop scenes for performance.</p>
Assessment:	<p>A whole class process drama</p> <p>Small group performances within a whole class collage drama performance</p>
Pathways to Level 4	Preparation for Year 10 Drama
Career Pathways	Actor, teacher, motivational speaker, any job that requires public speaking
Additional fees and charges	NIL
Additional information	This very practical unit challenges students to communicate verbally and non-verbally to express an idea or issue.

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Patrick Wilson****Code: 09DRA32****Subject Name – Drama 3-2****Length: 1 Semester**

Overview	In this very practical unit, students will learn about ritual in performance, ensemble skills, voice and movement and the elements of ritual. In the storytelling unit, students will learn to create, respond and communicate to stories and images to develop performance.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Drama 2.
Topics Studied:	Unit 1: Movement, mask and ritual - introduce movement, ritual in performance, expressive body movement, symbol Unit 2: Storytelling - introduce different storytelling techniques for performance
Assessment:	Group ritual performance Small group storytelling performance
Pathways to Level 4	Preparation for Year 10 or Senior Drama
Career Pathways	Storyteller, author, teacher, actor, playwright
Additional fees and charges	A small amount may be charged for supplies such as neutral masks, paint.
Additional information	Students learn about ritual in performance in other cultures and develop their own. Story development from a range of stimuli including other cultures.

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Patrick Wilson****Code: 09MUS31****Subject Name – Music 3-1****Length: 1 Semester**

Overview	As well as providing the opportunity for the acquisition of musical skills, the study of music also enables students to develop personally in many ways. In particular, the five broad areas of human development: intellectual, emotional, physical, social and spiritual will be covered.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Music 2.
Topics Studied:	<ul style="list-style-type: none"> • Musical Skills • Musical Skills and Human Development
Assessment:	Continuous performance Group recording project
Pathways to Level 4	Preparation for Year 10
Career Pathways	Musician, arranger, audio technician, composer, music teacher, conductor
Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Patrick Wilson****Code: 09MUS32****Subject Name – Music 3-2****Length: 1 Semester**

Overview	The students will have the opportunity to play and sing music of all types, to create their own compositions and to learn to listen to and understand a variety of musical styles.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Music 2.
Topics Studied:	<ul style="list-style-type: none"> • Music Variety and Types • Composing
Assessment:	Continuous performance Group recording project
Pathways to Level 4	Preparation for Year 10
Career Pathways	Musician, arranger, audio technician, composer, music teacher, conductor
Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Patrick Wilson****Code: 09VARTS31****Subject Name – Visual Art 3-1****Length: 1 Semester**

Overview	In the Unit " <i>Abstract My World</i> " students experiment with the elements of principles of art to create a wide and varied abstract body of work. This will incorporate using techniques such as collage, painting and sculpture to create well balanced emotional based artworks. Students will learn how to manipulate scale, create works to music, paint on canvas, sculpt with wood and so much more.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Visual Art 2.
Topics Studied:	CONTENT: Understand and applying design elements/principles to achieve balance. Understanding of Abstract art and its value in art history. SKILLS/TECHNIQUES: Drawing, collage, painting, sculpture MEDIUMS: Works on paper, acrylic paint, drawing pastels, balsa wood.
Assessment:	<p>1. Body of Work-</p> <ul style="list-style-type: none"> • Media Experimentation Folio • Abstract artwork on canvas • Large Collage/Painting to Music • OP Art • Abstract Sculpture in wood <p>2. Written Task</p>
Pathways to Level 4	Preparation for Year 10 Art
Career Pathways	Artist, art teacher, advertising, designer
Additional fees and charges	NIL

Additional information	NIL
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LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Patrick Wilson****Code: 09VARTS32****Subject Name – Visual Art 3-2****Length: 1 Semester**

Overview	The unit ' <i>Rhythms, Drums and Dreaming</i> ' explores the art worlds of DaDa and Surrealism. Students delve into their subconscious to create fantastical artworks across a variety of mediums.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Visual Art 2.
Topics Studied:	CONTENT: Understand and applying design elements/principles to achieve unity. Learning to analyse and interpret 2D and 3D artwork in Surrealism and primitive cultures SKILLS/TECHNIQUES: Drawing, Sculpture, Watercolour, Construction MEDIUMS: Graphite pencil, clay, watercolour, cardboard, Acrylic paint
Assessment:	1. Body of Work- <ul style="list-style-type: none"> • Exquisite Corpse Drawing • Watercolour Painting • Clay Dreaming Vessel • Large Cardboard Mask • Photomontage (time permitting) 2. Written Task
Pathways to Level 4	Preparation for Year 10 Art
Career Pathways	Props design, artist, art teacher
Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)

Contact Person: Patrick Wilson

Code: 09DAN31

Subject Name – Dance 3-1

Length: 1 Semester

Overview	Students will explore their own movement capabilities and will learn new ways to enhance their dance skills through a variety of practical based activities focussing on popular dance
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Dance 2.
Topics Studied:	<ul style="list-style-type: none"> • Study of Popular dance styles and dance works • Manipulating the elements of dance through practical activities • Developing choreography skills • Developing a personal dance statement
Assessment:	Performance Appreciation Choreography
Pathways to Level 4	Preparation for Year 10 Dance
Career Pathways	Dancer, dance teacher, performer, choreographer, animateur
Additional fees and charges	NIL
Additional information	Dance offers students the opportunity to develops physical creativity and self-confidence within a safe learning environment.

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Patrick Wilson****Code: 09DAN32****Subject Name – Dance 3-2****Length: 1 Semester**

Overview	Students will explore their own movement capabilities and will learn new ways to enhance their dance skills through a variety of practical based activities focussing on popular dance
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Dance 2.
Topics Studied:	<ul style="list-style-type: none"> • Study of Popular dance styles and dance works • Manipulating the elements of dance through practical activities • Developing choreography skills • Developing a personal dance statement
Assessment:	Performance Appreciation Choreography
Pathways to Level 4	Preparation for Year 10 dance
Career Pathways	Dancer, dance teacher, performer, choreographer, animateur
Additional fees and charges	To be confirmed at the time of commencing study in this subject.
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)

Contact Person: Patrick Wilson

Code: 09MEDA31

Subject Name – Media Arts 3-1

Length: 1 Semester

Overview	In the unit ' <i>Through the Lens Cap</i> ' students use DSLR cameras to learn all there is to know about photography composition techniques, lighting and camera settings. Students extend their photography skills through digital manipulation using Adobe Photoshop
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Media Arts 2.
Topics Studied:	CONTENT: Photographic history, camera settings, composition and lighting techniques, Adobe photoshop
Assessment:	<ol style="list-style-type: none"> 1. Photographic Folio 1 – Colour 2. Photographic Folio 2 – Shapes and Shadows 3. Photographic Folio 3 – Photographic Joiners 4. Visual Literacy Task – In class
Pathways to Level 4	Preparation for Year 10 Media Arts
Career Pathways	Photography, Graphic Design, Digital Editing
Additional fees and charges	Students will need to provide their own SD card.
Additional information	Students have access to a school set of DSLR cameras. Students are welcome to bring a DSLR camera from home if they wish to become familiar with their own equipment.

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)		
Contact Person: Patrick Wilson		
Code: 09MEDA32	Subject Name – Media Arts 3-2	Length: 1 Semester

Overview	The unit ' <i>Photoshop My World</i> ' focuses on developing student skills in the program Adobe Photoshop. Students will learn to manipulate imagery to create a Graphic Novel and Animation.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Media Arts 2.
Topics Studied:	CONTENT: Adobe Photoshop, Photography
Assessment:	<ol style="list-style-type: none"> 1. Photographic Skills Experimental Folio 2. Graphic Novel 3. Animation 4. Visual Literacy Task
Pathways to Level 4	Preparation for Year 10 Media Arts
Career Pathways	Graphic Design, Digital imagery manipulation, illustrator.
Additional fees and charges	TBA
Additional information	

DESIGN TECHNOLOGY

AVAILABLE SUBJECTS

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Tim Jones****Code: 09DTEPS31****Subject Name – Design & Technologies
(Engineering, Principles & Systems) 3-1 -
Graphics****Length: 1 Semester**

Overview	<p>Student skills and knowledge are developed in the areas of</p> <ul style="list-style-type: none"> • Sketching • 3D Modelling • Component Drawing, Packaging and Animation • Architectural Drawing (Domestic and Commercial) • Business Graphics (Logos, Business cards and Marketing) <p>A strong emphasis will be placed on using Computer Aided Drafting (CAD) programs to produce drawings.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	NIL
Topics Studied:	<ul style="list-style-type: none"> • Introduction • Sketching • Production Graphics (AutoCAD and Inventor) • 2D and 3D Modelling
Assessment:	Portfolio of work
Pathways to Level 4	Semester units may be studied individually to meet the different needs and interest of students. Graphics is offered in Year 10. From 2019 onwards, the Certificate III in Engineering Technical - CAD will be offered at St John's College.
Career Pathways	Architect; Engineer; Graphic Designer
Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)

Contact Person: Tim Jones

Code: 09DTEPS32	Subject Name – Design & Technologies (Engineering, Principles & Systems) 3-2 - Graphics	Length: 1 Semester
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Overview	<p>Student skills and knowledge are developed in the areas of</p> <ul style="list-style-type: none"> • Sketching • 3D Modelling • Component Drawing, Packaging and Animation • Architectural Drawing (Domestic and Commercial) • Business Graphics (Logos, Business cards and Marketing) <p>A strong emphasis will be placed on using Computer Aided Drafting (CAD) programs to produce drawings.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	NIL
Topics Studied:	<ul style="list-style-type: none"> • Built Environment (REVIT Architecture) • Business Graphics (Inventor) • House design • Logos, Business Cards and Marketing
Assessment:	Portfolio of work
Pathways to Level 4	Semester units may be studied individually to meet the different needs and interest of students. Graphics is offered in Year 10. From 2019 onwards, the Certificate III in Engineering Technical - CAD will be offered at St John's College.
Career Pathways	Architect; Engineer; Graphic Designer
Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Tim Jones****Code: 09DTMAT31****Subject Name – Design & Technologies
(Materials and Technologies) 3-1 – Wood****Length: 1 Semester**

Overview	The content of Design & Technologies - Wood units is structured around practical projects and their design. They are aimed at extending the students' knowledge and skill in the areas of Technology and design. Students will study some initial safety in the workshop. A number of small and simple projects will be constructed to introduce students to basic skills and equipment.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Design & Technologies 2 – Wood.
Topics Studied:	<p>Students will study:</p> <ul style="list-style-type: none"> • safety in the workshop • design factors • workshop graphics • surface finishing • using woodworking tools and equipment • methods of joining timber and timber-turning. <p>Students will also be given the opportunity to investigate and provide solutions to design challenges</p>
Assessment:	<ul style="list-style-type: none"> • Students will be required to complete online safety tests. • Most assessment will be conducted during class due to the practical nature of the subject. • Students will also be assessed on their completed projects.
Pathways to Level 4	All skills build as students progress in age and knowledge. With practice most students will find the transitions between levels a natural progression.
Career Pathways	Students are given an insight into specific fields of design and manufacture. Enabling them to make informed decisions on career choices.

Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)

Contact Person: Tim Jones

Code: 09DTMAT32

**Subject Name – Design & Technologies
(Materials and Technologies) 3-2 – Wood**

Length: 1 Semester

<p>Overview</p>	<p>The content of Design & Technologies - Wood units is structured around practical projects and their design. They are aimed at extending the students' knowledge and skill in the areas of Technology and design. Students will study some initial safety in the workshop. A number of small and simple projects will be constructed to introduce students to basic skills and equipment.</p>
<p>Prerequisites / Recommended Prior Study / Assumed Knowledge</p>	<p>Recommended: Satisfactory completion of Design & Technologies 2 – Wood.</p>
<p>Topics Studied:</p>	<p>Students will study:</p> <ul style="list-style-type: none"> • safety in the workshop • design factors • workshop graphics • surface finishing • using woodworking tools and equipment • methods of joining timber and timber-turning. <p>Students will also be given the opportunity to investigate and provide solutions to design challenges</p>
<p>Assessment:</p>	<ul style="list-style-type: none"> • Students will be required to complete online safety tests. • Most assessment will be conducted during class due to the practical nature of the subject. • Students will also be assessed on their completed projects.
<p>Pathways to Level 4</p>	<p>All skills build as students progress in age and knowledge. With practice most students will find the transitions between levels a natural progression.</p>
<p>Career Pathways</p>	<p>Students are given an insight into specific fields of design and manufacture. Enabling them to make informed decisions on career choices.</p>

Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Tim Jones****Code: 09DTENG31****Subject Name – Design & Technologies
(Engineering and Materials) 3-1 – Metal****Length: 1 Semester**

Overview	The content of Design & Technologies - Metal units are structured around practical projects and their design. The areas of study cover the topics of Sheet Metal Fabrication, Basic Electronics, Art Metalwork and Welding. Integrated, where appropriate, is Surface Finishing.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Design & Technologies 2 – Wood.
Topics Studied:	<ul style="list-style-type: none"> • Design, cutting, bonding, folding and joining of materials using both simple hand and sophisticated machine techniques • Surface finishing using both brush and spray painting equipment
Assessment:	<ul style="list-style-type: none"> • Students will be required to complete online safety tests. • Most assessment will be conducted during class due to the practical nature of the subject. • Students will also be assessed on their completed projects.
Pathways to Level 4	All skills build as students progress in age and knowledge. With practice most students will find the transitions between levels a natural progression.
Career Pathways	Students are given an insight into specific fields of design and manufacture. Enabling them to make informed decisions on career choices.
Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Tim Jones****Code: 09DTENG32****Subject Name – Design & Technologies
(Engineering and Materials) 3-2 – Metal****Length: 1 Semester**

Overview	The content of Design & Technologies – Metal units is structured around practical projects and their design. They are aimed at extending the students' knowledge and skill in the areas of Technology and design. Students will study some initial safety in the workshop. A number of small and simple projects will be constructed to introduce students to basic skills and equipment.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Design & Technologies 2 – Wood.
Topics Studied:	<p>Students will study:</p> <ul style="list-style-type: none"> • safety in the workshop • design factors; workshop graphics • surface finishing; using Metalworking tools and equipment • methods of joining metal. <p>Students will also be given the opportunity to investigate and provide solutions to design challenges</p>
Assessment:	<ul style="list-style-type: none"> • Students will be required to complete online safety tests. • Most assessment will be conducted during class due to the practical nature of the subject. • Students will also be assessed on their completed projects.
Pathways to Level 4	All skills build as students progress in age and knowledge. With practice most students will find the transitions between levels a natural progression.
Career Pathways	Students are given an insight into specific fields of design and manufacture. Enabling them to make informed decisions on career choices.

Additional fees and charges	NIL
Additional information	NIL

DIGITAL TECHNOLOGY

AVAILABLE SUBJECTS

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Shaun Lendrum****Code: 09DIGTEC31****Subject Name – Digital Technologies 3-1****Length: 1 Semester**

Overview	Students will have opportunities to analyse problems and design, implement and evaluate a range of digital solutions, such as database-driven websites and artificial intelligence engines and simulations.
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Digital Technologies 2.
Topics Studied:	<ul style="list-style-type: none"> • Website design • Artificial intelligence
Assessment:	Digital folio of projects
Pathways to Level 4	Digital Technologies Level 4 subjects
Career Pathways	Web designer, Games developer, IT technician, programmer, database developer, IT educator
Additional fees and charges	NIL
Additional information	NIL

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Shaun Lendrum****Code: 09DIGTEC32****Subject Name – Digital Technologies 3-2****Length: 1 Semester**

Overview	<p>Students consider how human interaction with networked systems introduces complexities surrounding access to, and the security and privacy of, data of various types. They interrogate security practices and techniques used to compress data, and learn about the importance of separating content, presentation and behavioural elements for data integrity and maintenance purposes</p> <p>Students explore how bias can impact the results and value of data collection methods and they use structured data to analyse, visualise, model and evaluate objects and events.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	Recommended: Satisfactory completion of Digital Technologies 2.
Topics Studied:	<ul style="list-style-type: none"> • Cybersecurity • Software design
Assessment:	Digital folio
Pathways to Level 4	Digital Technologies Level 4 subjects
Career Pathways	Web designer, Games developer, IT technician, programmer, database developer, IT educator
Additional fees and charges	NIL
Additional information	NIL

FOOD TECHNOLOGY AND HOSPITALITY

AVAILABLE SUBJECTS

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)**Contact Person: Narelle Persich****Code: 09DTFS31****Subject Name – Design & Technologies –
Food Specialisation 3-1****Length: 1 Semester**

Overview	<p>Mastering the art of cooking</p> <p>The course comprises both practical and theoretical components. Students will participate in a double lesson of practical work most weeks and a single lesson of theory, related to their practical work.</p> <p>Learning focuses on food safety and hygiene, cooking methods and the types and cuts of food that is best suited for each cooking method. Preparing and presenting foods using a range of techniques to ensure optimum flavour, texture and visual appeal.</p> <p>Students will study moist cooking methods such as steaming, poaching stewing and boiling, dry cooking methods including grilling, frying, baking and roasting</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	<p>Recommended: Satisfactory completion of Design & Technologies – Food Specialisation 2</p> <p>Prerequisites: Consistent organisation of ingredients in Design & Technologies – Food Specialisation 1 and / or 2</p>
Topics Studied:	<ul style="list-style-type: none"> • Food safety and hygiene • Kitchen equipment • Methods of cooking • Moist cooking methods • Dry cooking methods • How to best cook foods • Mastering cooking techniques • Designing and presenting food items suitable for a restaurant
Assessment:	<p>Exam</p> <p>Design project folio.</p>

<p>Pathways to Level 4</p>	<p>Skills knowledge and understanding will progress each year.</p> <p>Cookery techniques will advance thorough out each level.</p>
<p>Career Pathways</p>	<p>Caterer, Cook, Delicatessen, Assistant Dietary aide, Fast food sales assistant, Food process worker, Fruit and vegetable picker, Hospital food service manager, Kitchenhand, Meat processing worker, Seafood processor, Seafood sales assistant, Ship's catering attendant, Weight loss counsellor, Winery worker, Consumer scientist, Dietitian, Environmental health officer, Food critic, Food technologist, Health promotion officer, Home economist, Nutritionist, Winemaker, Food processing technician, Cheesemaker, Chef, confectioner, Diet supervisor, Dietary aide, Baker, Food processing technician, Pastry cook, Primary products inspector, Smallgoods maker Bar attendant, Brewery worker.</p>
<p>Additional fees and charges</p>	<p>NIL</p>
<p>Additional information</p>	<p>Students are strongly encouraged to take their prepared food products home.</p>

LEVEL 3 ELECTIVE SUBJECT (generally studied in Year 9)		
Contact Person: Narelle Persich		
Code: 09DTFS32	Subject Name – Design & Technologies – Food Specialisation 3-2	Length: 1 Semester

Overview	<p>Global Goodies</p> <p>The course comprises both practical and theoretical components. Students will participate in a double lesson of practical work most weeks and a single lesson of theory, related to their practical work</p> <p>Learning focuses on food safety and hygiene, multi-cultural food habits, analysis of food preparation techniques used in different cultures including those from the Asia region and the impact of these on aesthetics, taste and palatability, for example stir-frying.</p> <p>Students will be required to cook foods that they may have never tasted before.</p>
Prerequisites / Recommended Prior Study / Assumed Knowledge	<p>Recommended: Satisfactory completion of Design & Technologies – Food Specialisation 2</p> <p>Prerequisites: Consistent organisation of ingredients in Design & Technologies – Food Specialisation 1 and / or 2 and / or 3-1</p>
Topics Studied:	<ul style="list-style-type: none"> • Food safety and hygiene • Kitchen equipment • Foods from other countries • Native Australian foods • Indigenous cuisine • Cultural influences on food choices • Celebrating and preparing foods from other cultures
Assessment:	<p>Design project folio. Exam</p>
Pathways to Level 4	<p>Skills knowledge and understanding will progress each year.</p> <p>Cookery techniques will advance thorough out each level.</p>

<p>Career Pathways</p>	<p>Caterer, Cook, Delicatessen, Assistant Dietary aide, Fast food sales assistant, Food process worker, Fruit and vegetable picker, Hospital food service manager, Kitchenhand, Meat processing worker, Seafood processor, Seafood sales assistant, Ship's catering attendant, Weight loss counsellor, Winery worker, Consumer scientist, Dietitian, Environmental health officer, Food critic, Food technologist, Health promotion officer, Home economist, Nutritionist, Winemaker, Food processing technician, Cheesemaker, Chef, confectioner, Diet supervisor, Dietary aide, Baker, Food processing technician, Pastry cook, Primary products inspector, Smallgoods maker Bar attendant, Brewery worker.</p>
<p>Additional fees and charges</p>	<p>NIL</p>
<p>Additional information</p>	<p>Students are strongly encouraged to take their prepared food products home.</p>

YEAR 9 SUBJECT SELECTION PLANNER – STUDENT NAME: _____

LEARNING AREAS	OPTIONS	MY SELECTIONS
<p>MANDATORY CORE SUBJECTS</p> <p>There subjects are studied throughout the entire year. They are pre-allocated for all Year 9 students.</p>	<ul style="list-style-type: none"> • Religious Education • English • Mathematics • Science • Humanities (including Geography and History) • Physical Education 	<p>09RE31 & 09RE32 09ENG31 & 09ENG32 09MAT31 & 09MAT32 09SCI31 & 09SCI32</p> <p>09GEO31 & 09HIS32 09HPE31 & 09HPE32</p>
<p>ELECTIVE SUBJECTS</p> <p>Students will study THREE of these subjects throughout each semester. This means that they will have experienced SIX elective subjects by the end of Year 9.</p> <p>Students are encouraged to try a variety of electives throughout the year to ensure they get to experience a range of subject areas before selecting subjects in Year 10. Students should also keep in mind the longer term view of what they might intend to study in Years 11 and 12 and consider commencing their preparation for these studies now.</p> <p>Students are required to place all subjects in their order of preference in the final column. The number 1 choice should be the subject that the student MOST wants to study. The number 2 choice should be the subject that is their second most wanted subject. Continue to place all subjects in order all the way down to number 20.</p>	<ul style="list-style-type: none"> • Drama 31 (09DRA31) • Drama 32 (09DRA32) • Visual Arts 31 (09VARTS31) • Visual Arts 32 (09VARTS32) • Music 31 (09MUS31) • Music 32 (09MUS32) • Dance 31 (09DAN31) • Dance 32 (09DAN32) • Media Arts 31 (09MED31) • Media Arts 32 (09MED32) • Digital Technologies 31 (09DIGTEC31) • Digital Technologies 32 (09DIGTEC32) • Business and Economics 31 (09BUSEC31) • Business and Economics 32 (09BUSEC32) • Design and Technologies – Engineering Principles and Systems – Graphics 31 (09DTEPS31) • Design and Technologies – Engineering Principles and Systems – Graphics 32 (09DTEPS32) • Design and Technologies – Materials and Technologies – Wood 31 (09DTMAT31) • Design and Technologies – Materials and Technologies – Wood 32 (09DTMAT32) • Design and Technologies – Engineering and Materials – Metal 31 (09DTENG31) • Design and Technologies – Engineering and Materials – Metal 32 (09DTENG32) • Design and Technologies – Food Specialisation 31 (09DTFS31) • Design and Technologies – Food Specialisation 32 (09DTFS32) • Indonesian 31 (09IND31) • Indonesian 32 (09IND32) • Legal Studies 31 (09LST31) 	<p>SUBJECT PREFERENCE 1</p> <p>SUBJECT PREFERENCE 2</p> <p>SUBJECT PREFERENCE 3</p> <p>SUBJECT PREFERENCE 4</p> <p>SUBJECT PREFERENCE 5</p> <p>SUBJECT PREFERENCE 6</p> <p>SUBJECT PREFERENCE 7</p> <p>SUBJECT PREFERENCE 8</p> <p>SUBJECT PREFERENCE 9</p> <p>SUBJECT PREFERENCE 10</p> <p>SUBJECT PREFERENCE 11</p> <p>SUBJECT PREFERENCE 12</p> <p>SUBJECT PREFERENCE 13</p> <p>SUBJECT PREFERENCE 14</p> <p>SUBJECT PREFERENCE 15</p> <p>SUBJECT PREFERENCE 16</p> <p>SUBJECT PREFERENCE 17</p> <p>SUBJECT PREFERENCE 18</p> <p>SUBJECT PREFERENCE 19</p> <p>SUBJECT PREFERENCE 20</p>

Student Signature: _____

Parent Signature: _____

PLEASE NOTE – ALL SUBJECT SELECTION NOMINATIONS MUST BE ENTERED INTO THE ONLINE FORM BY 3PM ON FRIDAY, SEPTEMBER 27, 2019.