



St John's

REGIONAL COLLEGE

2020

Curriculum Guide

CONTENTS

Subjects Offered	6
Learning Area Diagrams	8
Progress and Pathways Year 7—12	15
Options after VCAL	16
Options after VCE	16

SUBJECT DESCRIPTIONS

Year 7	19
Year 8	25
Year 9	31
Construction of a Senior Studies Course	44
What Should I Choose	45
Options After Year 9	45
Advanced Placement Program – Accelerated Studies	46
Year 10	47
VCAL or VCE	63

This handbook is also supported by the online Subject selection portal, which provides additional information to students regarding the subjects on offer and the required skills to be successful within subjects and programs.

VET Certificate Programs as Part of VCE & VCAL	64
Higher Education Studies Program	65
University Step Up Program.....	65
VCE Considerations	66
VCAL.....	67
Year 11 AND 12 Subjects	69

LEARNING AREA OVERVIEWS

SUBJECTS OFFERED

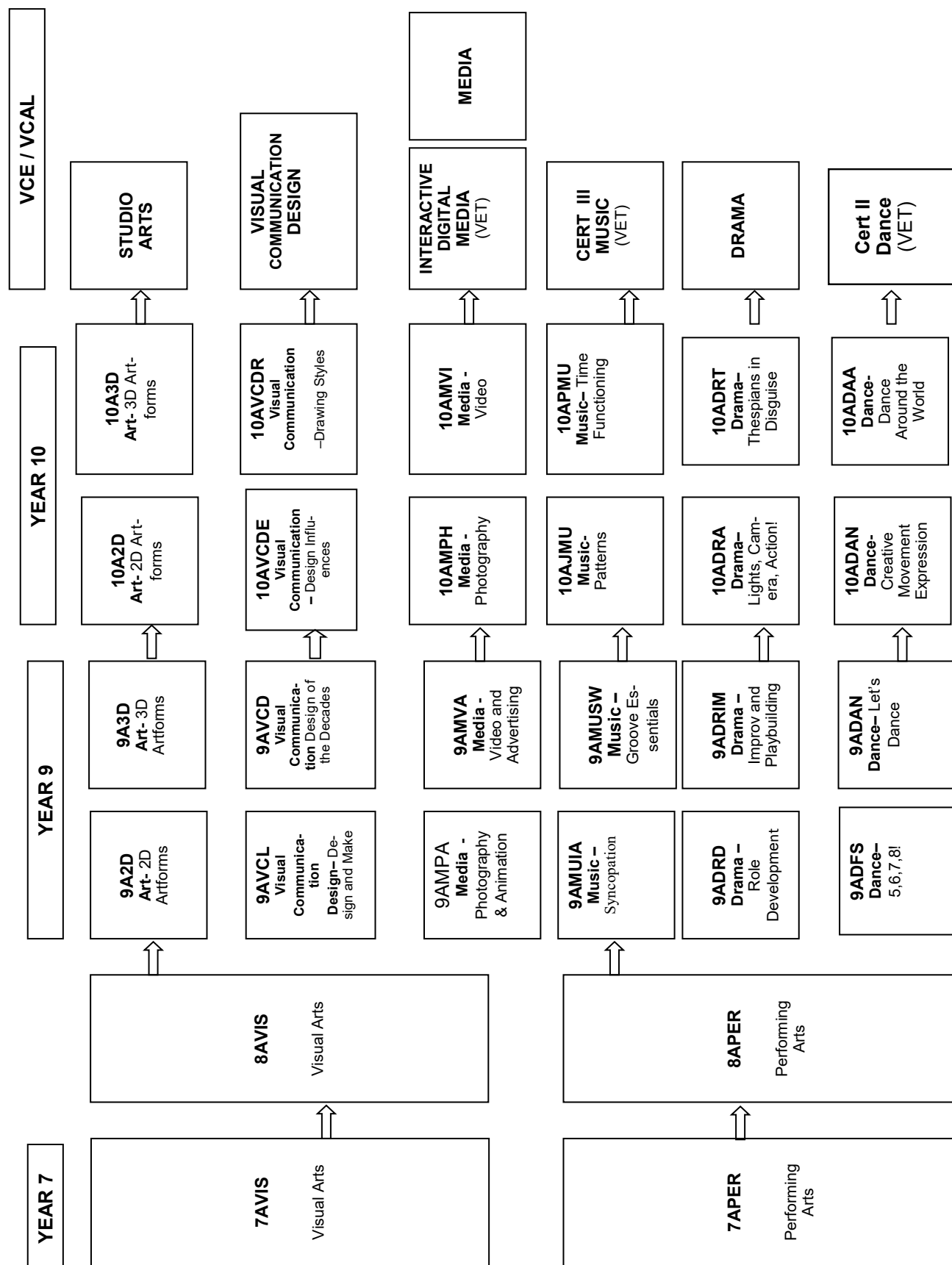
YEAR 7	YEAR 8	YEAR 9
<p>Religious Education (6 periods a cycle)</p> <p>STEP: English, Humanities (Geography, History, Economics, Civics & Citizenship) (12 periods a cycle)</p> <p>Mathematics (9 periods a cycle) Or Numeracy (by invitation)</p> <p>Science (6 periods a cycle)</p> <p>Health & Physical Education (6 periods a cycle)</p> <p>Italian (6 periods a cycle) OR LINKS OR EAL</p> <p>Digital Technologies (3 periods a cycle)</p> <p>Students complete a semester of each: (6 periods a cycle per semester)</p> <p>The Arts Visual Arts Performing Arts</p> <p>Students complete a semester of each: (6 periods a cycle per semester)</p> <p>Design and Technologies Design Materials Design Food</p>	<p>Religious Education (6 periods a cycle)</p> <p>English (9 periods a cycle)</p> <p>Mathematics (9 periods a cycle) Or Numeracy (by invitation)</p> <p>Science (6 periods a cycle)</p> <p>Health & Physical Education (6 periods a cycle)</p> <p>Italian (6 periods a cycle) OR LINKS OR EAL</p> <p>Digital Technologies (6 periods a cycle) for one semester</p> <p>Humanities: (6 periods a cycle for one semester each) Geography History</p> <p>Students complete a semester of three of the following: (6 periods per subject)</p> <p>Design and Technologies Design Materials Design Food</p> <p>The Arts Visual Arts Performing Arts</p> <p>Enrichment (Select entry) (6 periods a cycle—replaces one elective)</p>	<p>Religious Education (5 periods a cycle)</p> <p>English (8 periods a cycle)</p> <p>Mathematics (8 periods a cycle) Or Numeracy (by invitation)</p> <p>Science (5 periods a cycle)</p> <p>Health & Physical Education (5 periods a cycle)</p> <p>History (6 periods a cycle for one semester)</p> <p>Selected units from electives below. Students do a total of 5 subjects at 6 periods for each subject for a semester: from the following</p> <p>English Writers' Workshop</p> <p>Mathematics Maths in the Real World</p> <p>Languages Italian Digital Technologies</p> <p>Humanities: Commerce Geography</p> <p>The Arts (select at least one) Visual Arts Drama Visual Communication Design Media Arts Music Dance</p> <p>Design and Technologies (select at least one) Design Metals Design Textiles Design Wood Design Electronic Systems Design Food</p> <p>Project Based Learning (5 periods per cycle, per term): Journey, Outdoor World, STEM Mission to Mars and Hunger Pains</p> <p>Café Project (2 weeks per year)</p> <p>Enrichment (Select entry) (6 periods a cycle—replaces one elective)</p>

YEAR 10 PRECAL		VICTORIAN CERTIFICATE OF APPLIED LEARNING (VCAL)	
Vic Curriculum/VCAL Foundation English Foundation Mathematics Internal History VET Selection Core Religion Choice PreCAL Hands On <i>Students in PreCAL also select elective subjects from the list below.</i>		Intermediate (Year 11 VCAL) Religious Education Literacy Skills Numeracy Skills Personal Development Skills Work Related Skills Outdoor Education One VET Program	Senior (Year 12 VCAL) Religious Education JLM Literacy Skills Numeracy Skills Personal Development Skills Work Related Skills Outdoor Education One VET Program
		VOCATIONAL EDUCATION & TRAINING (VET) Offered at St John's (Internal)	
		Year 11 Hospitality – Unit 1 & 2 Music Industry– Unit 1 & 2 Interactive Digital Media – Unit 1 & 2 Sport & Recreation – Unit 1 & 2 Dance — Unit 1 & 2 External VET course are also available (NB: costs apply). Examples include: Certificate II Automotive or Certificate II Building & Construction (See External VET Application form for specific details)	Year 12 Hospitality – Kitchen Operations Unit 3 & 4 OR Hospitality (Front of House) Unit 3 & 4 OR Patisserie Unit 3 & 4 Music – Unit 3 & 4 Sport and Recreation Unit 3 & 4 Dance Unit 3 and 4
YEAR 10	VCE UNITS 1 & 2	VCE UNITS 3 & 4	
COMPULSORY CORE SUBJECTS Religion and Society Units 1 and 2, To Know, Worship and Love, CYSMA OR Text and Traditions Units 1 and 2 English History (one semester) Mathematics (Advanced or General) Health and Physical Education OR Sports Coaching and Training Principles OR Sports Science OR Outdoor Ed./HPE (6 periods a cycle) General Science	COMPULSORY CORE SUBJECTS Religion and Society Units 1 and 2 or Units 3 and 4 OR Text and Traditions Units 1 and 2 or Units 3 and 4 OR CYSMA English/EAL/Literature	COMPULSORY CORE SUBJECTS Jesus, Life and Me (3 period s a cycle) OR Religion and Society Unit 3 and 4 OR Text and Traditions Unit 3 and 4 English/EAL/Literature	
Select 5 units over the year ENGLISH Literature LANGUAGES Italian (year long study) HUMANITIES Commerce Geography History DESIGN AND TECHNOLOGIES Design in Metals Design in Textiles Design in Wood Design in Food Design in Electronic Systems Zero Robotics THE ARTS Visual Arts Drama Media Arts Music Visual Communication Design Dance SCIENCE Working Scientifically Astronomy	Select 4 subjects from ARTS/HUMANITIES Accounting Business Management Drama Economics Geography Global Politics History – 20 th Century Health & Human Development Legal Studies Literature Languages: Italian Media Physical Education Studio Arts Visual Communication Design MATHS/SCIENCE/TECHNOLOGY Applied Computing Biology Chemistry Design and Technology – Textiles Design and Technology – Wood Food Studies Mathematics -Foundation -General Standard -Methods CAS -Specialist Physics Psychology Systems Engineering (Electronics)	Select 4 or 5 subjects from ARTS/HUMANITIES Accounting Business Management Drama Economics Geography Global Politics History – Revolutions Health & Human Development Legal Studies Literature Languages: Italian Media Physical Education Studio Arts Visual Communication Design MATHS/SCIENCE/TECHNOLOGY Biology Chemistry Design and Technology - Textiles Design and Technology - Wood Food Studies Computing (IT) - Data Analytics - Software Development Mathematics -Further -Methods CAS -Specialist Physics Psychology Systems Engineering (Electronics)	

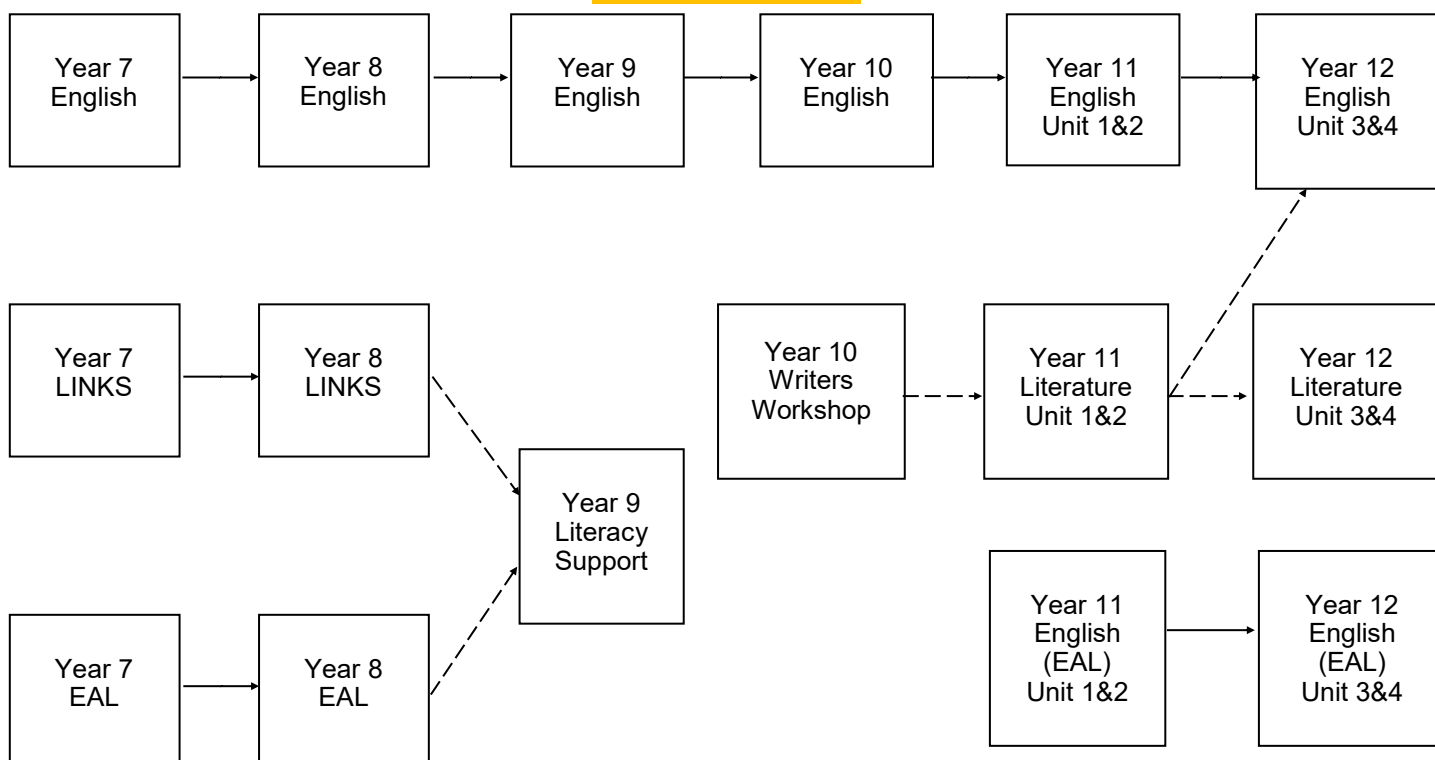
Please Note: EACH SUBJECT IS OFFERED DEPENDANT UPON SELECTION BY A VIABLE NUMBER OF STUDENTS AND AVAILABLE RESOURCES. Year 10 to 12 timetable is aligned to enable students to advance if required. Subjects run for 9 periods a cycle of 50 minute periods unless indicated differently above. Year 11 and 12 students also have 6 periods of set assessment or supervised study within their 60 periods a cycle.

The Learning Area diagrams represent the various offerings and pathways available to students. The descriptions contained within the Curriculum Guide provide further details.

ARTS AND ENGAGEMENT

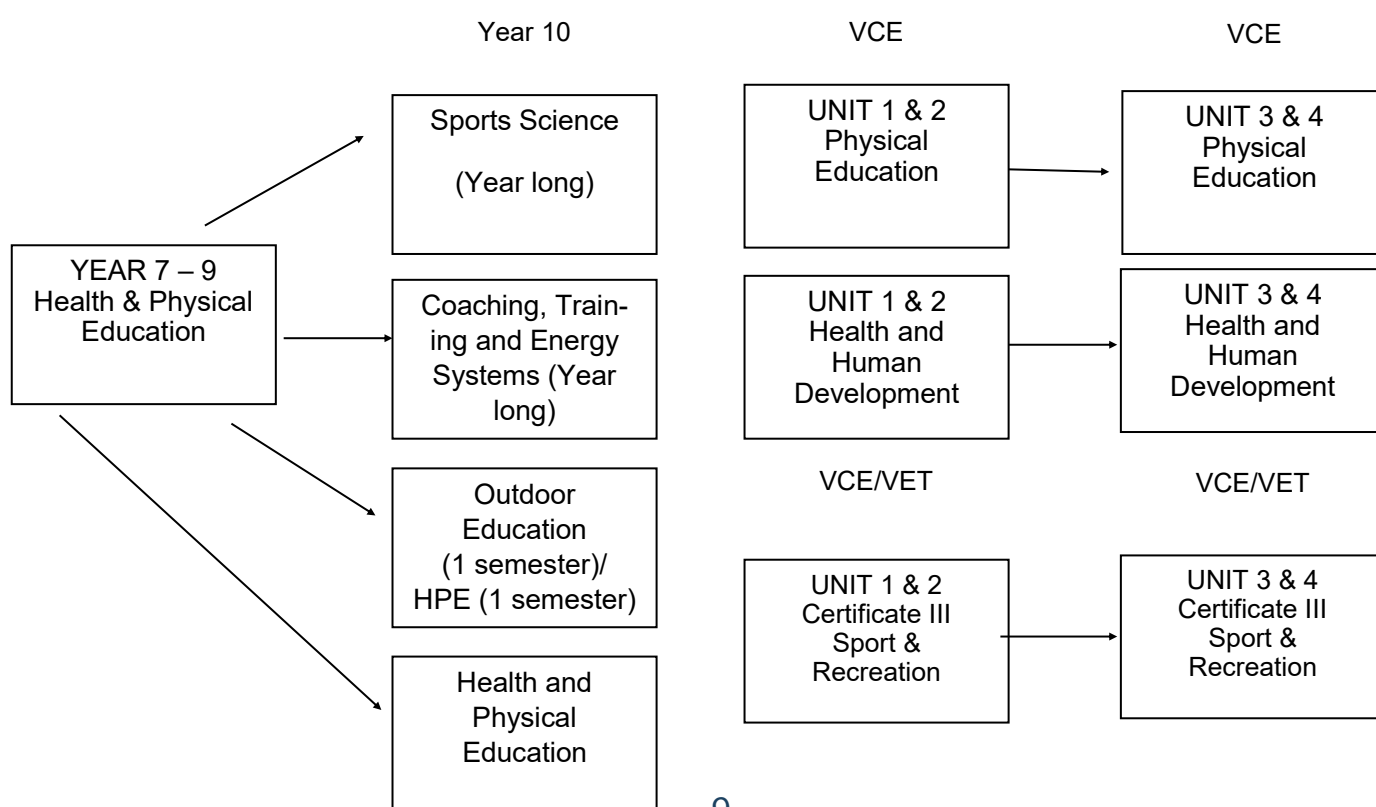


ENGLISH



* In Year 11 and 12, a student must select either English or Literature **OR** both.

HEALTH & PHYSICAL EDUCATION



YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12
STEP <i>HISTORY</i> <i>ECONOMICS</i> <i>GEOGRAPHY</i> CIVICS & CITIZENSHIP	HISTORY	HISTORY (Compulsory) Modern World 1750-1918	HISTORY (Compulsory) World War 1, Indigenous Rights	VCE 1 & 2 History-20 th Century	VCE 3 & 4 History - Revolutions <i>Revolutions</i>
		COMMERCE Managing Money Budgeting World of Work	HISTORY (Elective) Murder and Mayhem	VCE 1 & 2 <i>Accounting</i>	VCE 3 & 4 Accounting
		GEOGRAPHY Sustainability & Biomes	COMMERCE Politics, The Law and You	VCE 1 & 2 Economics	VCE 3 & 4 Economics
		GEOGRAPHY	COMMERCE Business and Economics	VCE 1 & 2 Business Management	VCE 3 & 4 Business Management
		GEOGRAPHY Interconnections	GEOGRAPHY People & Patterns	VCE 1 & 2 Legal Studies	VCE 3 & 4 Legal Studies
		GEOGRAPHY Environmental Sustainability	VCE 1 & 2 Geography	VCE 3 & 4 Geography	

ITALIAN (LANGUAGES)

COMPULSORY SUBJECTS

7 ITALIAN

8 ITALIAN

All students must study Italian for the whole year in both Years 7 & 8**

****Students involved in Literacy Support (LINKS) or EAL are exempt from Italian**

ELECTIVE SUBJECTS

9 ITALIAN

10 ITALIAN

11 ITALIAN

12 ITALIAN

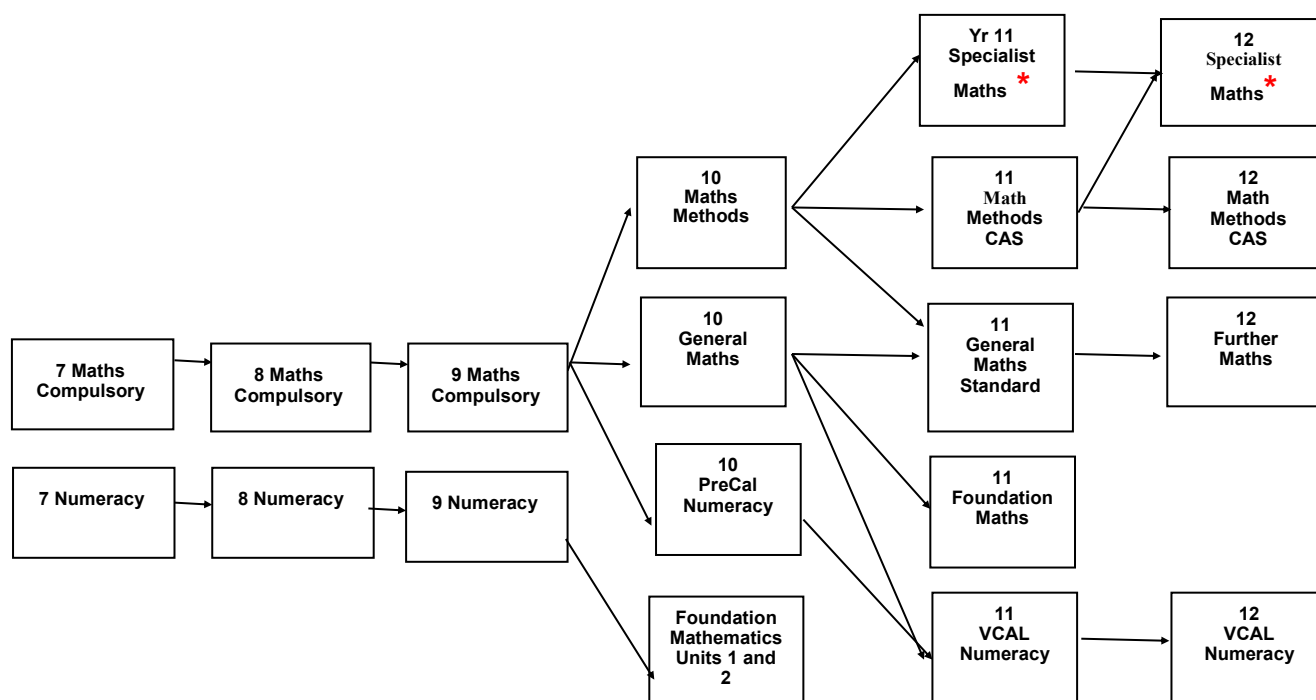
The study of Italian is no longer compulsory

NB – The study of Italian must be continuous (a prerequisite). That is, to study Italian in Year 9, Year 10, Year 11 or Year 12, you must have studied Italian the year before.

EXTERNAL STUDIES (Years 7 to 12)- Responsibility of Parent/Guardian

Students may study a language through the Victorian School of Languages.. For students in Years 7 to 10 who choose to study an external language, it is considered an extra subject. It is the responsibility of the student to inform the College of any external languages.

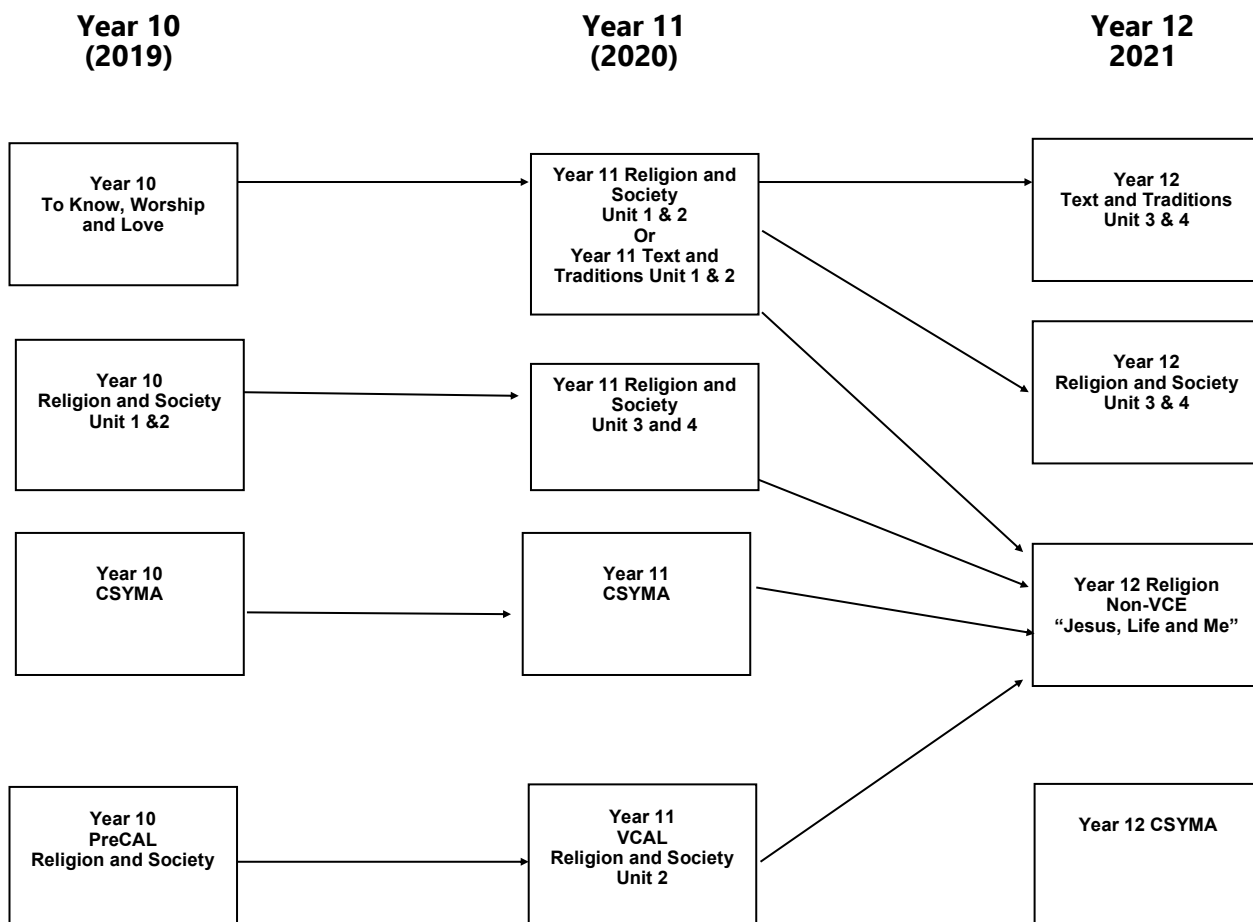
MATHEMATICS



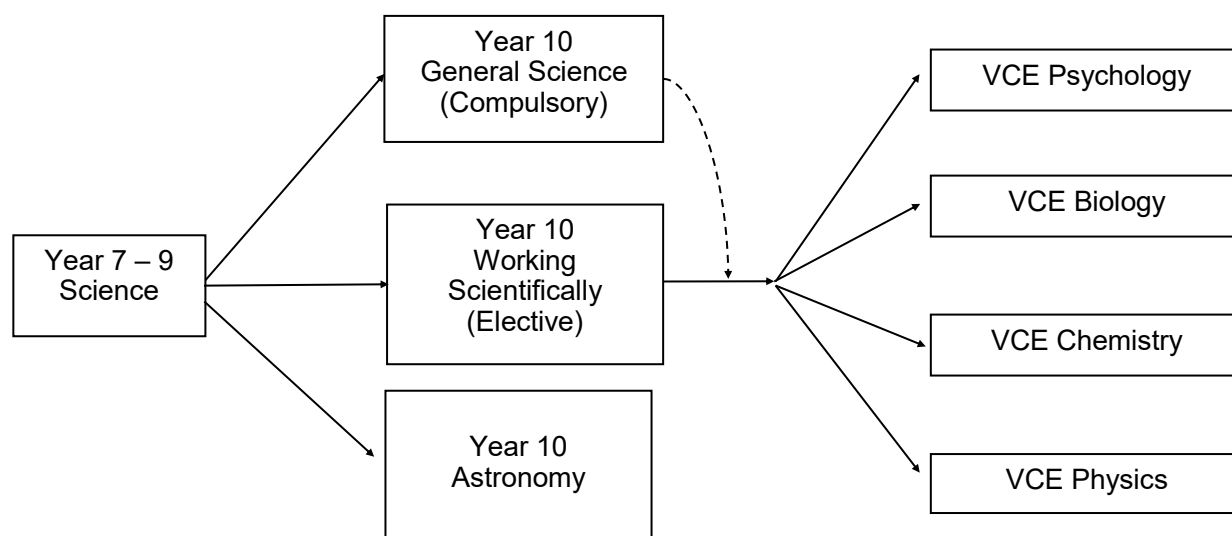
*** Can only be taken in conjunction with Math Methods**

It is important to note that, towards the end of Year 9, students must make a decision about which Mathematics to select in Year 10. Their Year 10 choice will determine which subjects they will be able to access in Years 11 and 12. Results in Semester 1 of Year 9 Mathematics also plays a large part in determining which Mathematics students can select in Year 10.

RELIGIOUS EDUCATION



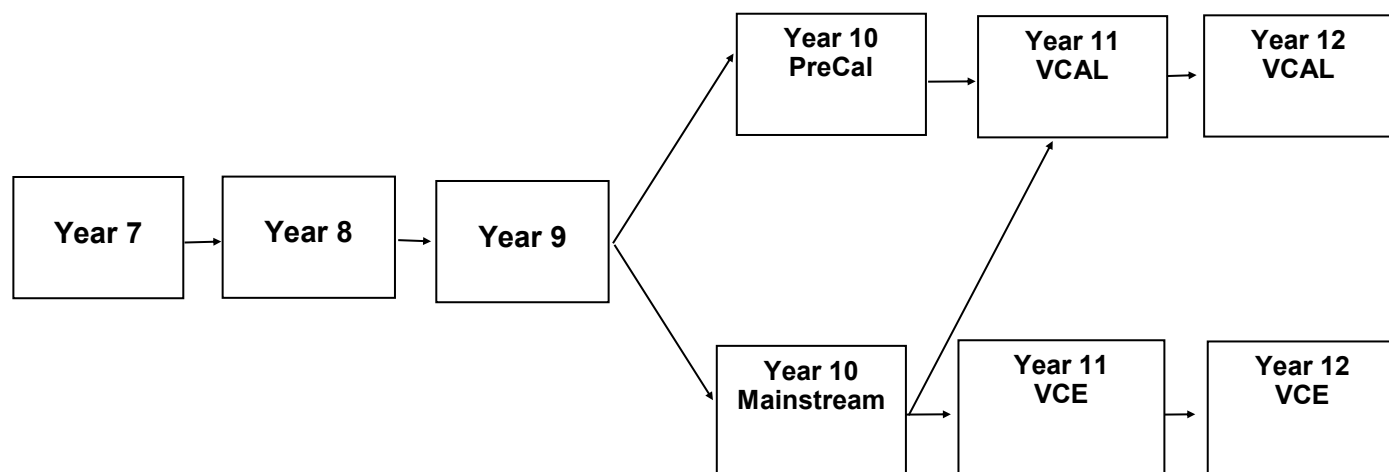
SCIENCE



DESIGN AND TECHNOLOGIES

ALL YEAR 9 STUDENTS MUST SELECT AT LEAST ONE UNIT AND MAY SELECT ANY OTHER COMBINATION OF TECHNOLOGY SUBJECTS

PROGRESS AND PATHWAYS YEAR 7—12



Students must satisfactorily complete all requirements of their current year of study to be eligible to progress to the next year.

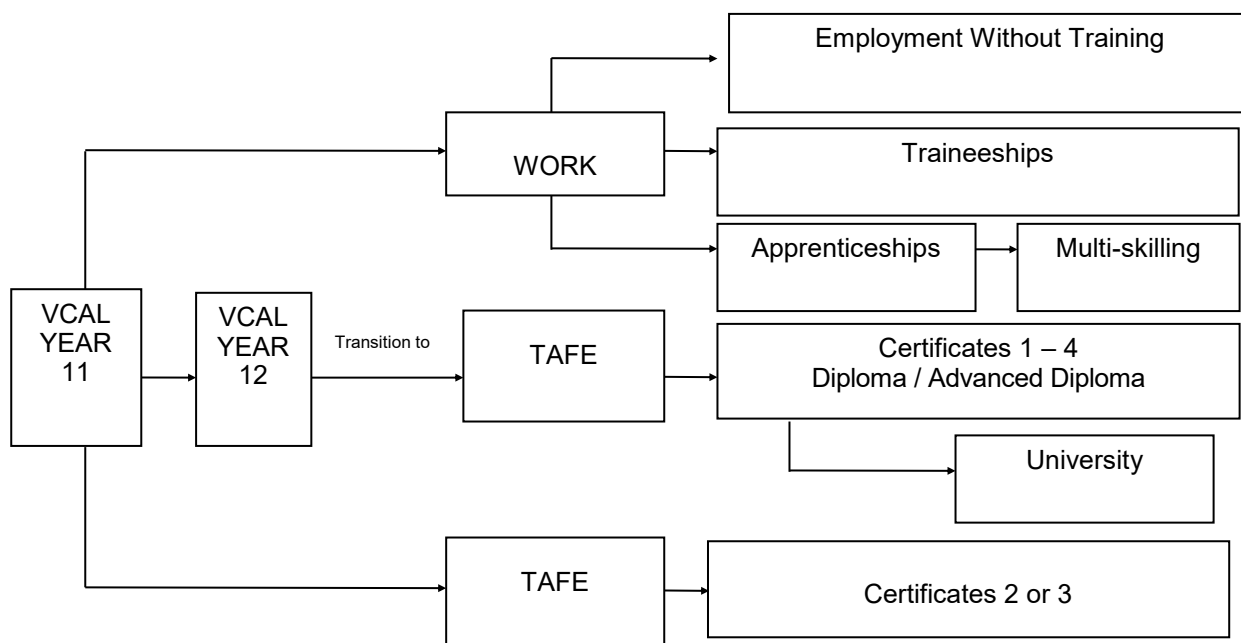
****Entry into the PreCAL and VCAL programs are by application***

As a specialized pathway, PreCAL should only be selected by students who have decided on a trade-based career direction. Any student wanting to maintain the possibility of a university pathway should enrol in Year 10 Mainstream and Year 11 VCE. The final decision can be made at the conclusion of Year 11 as to whether to pursue a VCE or VCAL pathway.

A VET alongside any of these programs can be beneficial for selecting the most suitable pathway in the senior years of schooling

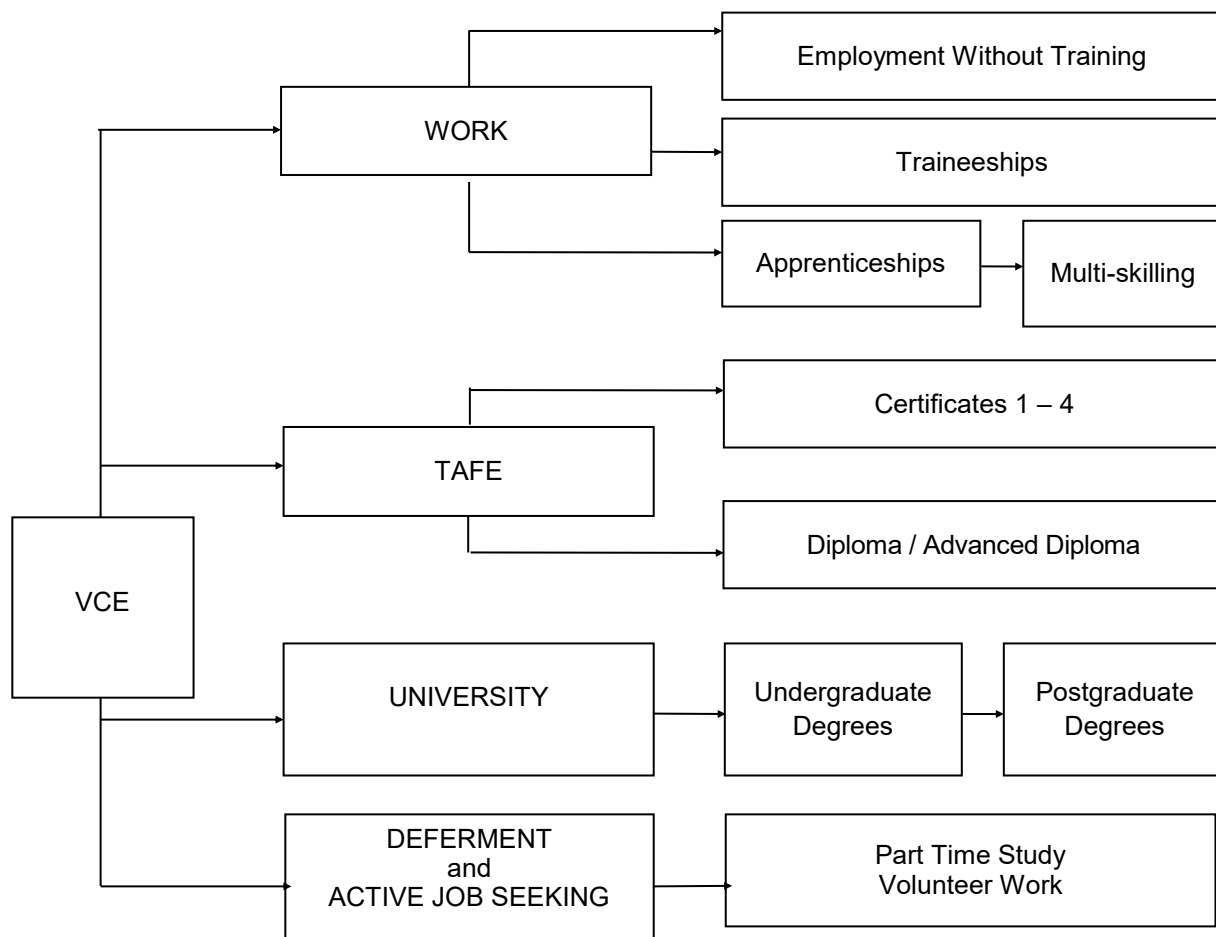
OPTIONS AFTER VCAL

This table gives examples of pathways students may follow after VCAL



OPTIONS AFTER VCE

This table gives examples of pathways students may follow after VCE



SUBJECT DESCRIPTIONS

YEAR 7

SECONDARY TRANSITION EDUCATION PROGRAM

Year 7 STEP (7STEP)

STEP (Secondary Transition Education Program) is the integrated approach to learning applied to the teaching of English, and Humanities (History, Geography, Commerce and Civics and Citizenship) at the Year 7 level.

The STEP program at St John's Regional College incorporates a cross-faculty program which assists with a smooth transition to secondary school. Students are taught by one teacher, which means that they have the one teacher for a third of their learning time in Year 7. This ensures students have a secure base at secondary school with the STEP teacher, one class of students and a 'home' classroom. This program fosters connectedness to school, and promotes the development of a unique identity, enabling students to view themselves as a member of the St John's community. By combining explicit teaching with inquiry based learning across the learning areas, students are encouraged to be independent and motivated learners.

Skills and Interests Relevant to this Subject

Year 7 students are engaged in learning across two key learning areas in an integrated approach. Incorporated into learning is the use of iPad technology, enabling students to perform independent research. Students can then create and produce their own work in a variety of forms using various applications. Assessment will be ongoing and both formal and informal. Students will be provided with opportunities to enhance their independent learning skills as well as having the opportunity to work with their peers in groups.

Specific Subjects: Whilst instruction and assessment may be integrated, subject specific learning is outlined below.

English: The skills being enhanced in STEP are primarily in the areas of reading, writing and speaking and listening. Study of written and visual texts is undertaken and students produce their own pieces of writing in a variety of forms. Creativity is enhanced through the use of a variety of applications on the iPad.

Humanities: History Geography, Economics and Civics and Citizenship: Students gain knowledge of the history and geography of ancient civilisations. They are also engaged with material focusing on active citizenship and budgeting.

Connections to Other Subjects

In Year 8, students continue studies in all subject areas which form part of the STEP program.

RELIGIOUS EDUCATION

Year 7 Religious Education (7REL)

Religious Education focuses on the individuals place as a member of the St John's Community. There is an emphasis on the two Charisms of the De La Salle Brothers and the Presentation Sisters and how these Charisms inform the College that St John's has become. The Religious Education program draws upon the To Know, Worship and Love program of Catholic Education, Melbourne. The emphasis is on spiritual understanding through the cycle of dialogue.

THE ARTS

Year 7 Visual Arts (7AVIS) and Performing Arts (7APER)

The Year 7 Arts program will expand your understanding of the Arts and includes explorations in Art, Dance, Drama, Media, Music and Visual Communication Design. Learning centres on Arts experiences that make connections between traditional, experimental, technological and contemporary arts forms. You will use arts elements, principles, conventions and processes in a range of contexts. Classroom activities are challenging and thought provoking. Work tasks allow for developing personal expression, critical and creative thinking and communication skills.

Skills and Interests Relevant to this Subject

Sketching, painting, collage, construction, animation, designing, illustration, architecture, galleries, advertising, photography.

Acting, singing, dancing, lighting, sound production, music, sound effects, film, television, and theatre.

Connections to Other Subjects

Visual Arts connects with Art, Graphics, Media, Technology, Humanities and English.

Performing Arts connects with Drama, Dance, Music, Media and English.



ENGLISH

Year 7 Literacy (7LINKS) and English as an Additional Language (7EAL)

Year 7 students identified by the College as having a priority need to build their literacy skills are withdrawn from Italian to participate in a Literacy or EAL class. They will focus on reading comprehension, English grammar and writing skills. Students will continue to study Literacy or EAL in Year 8.

HEALTH AND PHYSICAL EDUCATION

Year 7 Health and Physical Education (7HPEB & 7HPEG)

Health and Physical Education (HPE) is specifically concerned with developing your knowledge and skills related to health, fitness, safety, movement and recreation in order to enhance your quality of life.

Skills and Interests Relevant to this Subject

As a part of (HPE) you will:

- Engage in regular physical activity.
- Participate in: water safety, softball, athletics, soccer, table tennis, minor games, badminton.
- Develop an understanding of: safety, personal development, risk taking, fitness.
- Experience lifelong physical activities.

Connections to Other Subjects

The (HPE) curriculum also develops your ability to: respond to challenges, reflect and plan, think strategically, work as part of a team and work towards a goal.



LANGUAGES

Year 7 Italian (7ITA)

This first year focuses on the language basics from greetings, numbers, days and months combined with Italy's geography, unique culture and traditions. Did you know that the telephone, eyeglasses and ice-cream cone are all Italian inventions? There are more interesting facts to be discovered in this full year subject!

Skills and Interests Relevant to this Subject

Improve your reading, writing, speaking and listening skills. Participate in a dress-up role-play, learn about Italian gestures and the distinction between Formal and Informal language. You will also be taste-testing Italian delicacies and watching an Italian film.

Pray the Ave Maria, sing along to Italian favourites and learn interactively using your iPad with Duo Lingo and Mindsnacks.

Connections to Other Subjects

Learning to think differently in the area of grammar and being more aware of cultural differences helps you to make links with all your other subjects. The study of Italian is compulsory (unless you are completing Literacy or EAL) in Years 7 and 8. To study Italian in Year 9, Year 10, Year 11 or Year 12, you must have studied Italian the previous year.

MATHEMATICS

Year 7 Mathematics (7MAT)

In Year 7 Mathematics students are given the opportunity to solve mathematical problems, use all four operations with fractions and decimals, solve problems involving percentages, investigate patterns and algebra, use formulas for area, perimeter and volume of shapes and represent and interpret data.

Skills and Interests Relevant to this Subject

Do you like to solve problems? Then the study of Mathematics is for you. Everybody uses math whether they realize it or not. Would you like to improve your skills in working with numbers, solving problems and developing the ability to think logically? Then Year 7 Maths will help you do this. These are examples of some professions that use Mathematics: Accountants, Biologists, Computer Programmers, Engineers and Nurses.

Connections to Other Subjects

The study of Mathematics is compulsory at Years 7, 8, 9 and 10.

Year 7 Numeracy (7NUM)

Students who are deemed to require assistance with the underlying skills and knowledge of Mathematics may be invited to attend Numeracy in the place of core Mathematics. Enrolment in this subject will usually mean that the student will not undertake a Mathematics in VCE.

SCIENCE

Year 7 Science (7SCI)

The Year 7 Science course is an introduction to the exciting world of scientific study for young students. Students firstly learn how to work safely and co-operatively in a laboratory and how to manage apparatus. Other topics studied include separating mixtures, classification of plants and animals, renewable resources

and the water cycle, forces and Earth in space.

Skills and Interests Relevant to this Subject

Students with an inquiring mind will enjoy working in teams to design simple experiments. They will learn how to observe and record data, and then communicate the results scientifically. Basic problem solving and research skills are explored.

Connections to Other Subjects

Skills gained in Science such as questioning, researching, writing clearly and presenting connect to most other subjects.

DESIGN AND TECHNOLOGIES

YEAR 7 DESIGN AND TECHNOLOGIES

The study of Design and Technologies provides you with the opportunity to develop significant problem solving skills and a more sophisticated understanding of the benefits of Design and the use of 21st Century Technology.

At St John's, Design and Technologies is seen as a vital step in transforming ideas into creative and practical products and systems. You will plan, produce and evaluate products in a real life context. As a designer, you will develop skills through designing and making activities using a range of materials. These include food, wood, metal, plastics, textiles, ceramics and electronic systems components such as, gears, switches, lights, motors, connecting wires, and printed circuit boards.

The Year 7 Design and Technologies courses provide an opportunity to express your creativity through designing and making activities. You will learn to communicate your design ideas in a variety of ways, including 2 and 3 dimensional drawings, models and Digital technologies.

Year 7 Design Food (7DTFO)

This unit provides an opportunity to develop creative food designs. You will develop the skills necessary for the safe operation of tools and equipment and procedures used in a domestic kitchen setting.

Skills and Interests Relevant to this Subject

Bring to your Design Food classes experiences and interests in cooking and baking. An interest in understanding how important nutrition and food preparation are for maintaining a healthy lifestyle will be beneficial.

Connections to Other Subjects

You will use digital technology and writing skills when brainstorming ideas, researching and annotating your folio of work. Some basic maths knowledge is necessary when measuring ingredients used in your cooking and baking classes.

Year 7 Design Materials (7DTMA)

In this unit you will design and make a variety of objects using a combination of wood, metal and plastic. Importance is placed on developing a design folio, the tools and equipment used when making your designs and an evaluation report, comparing your design work against those found in the home and in industry.

Skills and Interests Relevant to this Subject

In Design Materials, you will benefit from an interest in drawing both two and three dimensional shapes and model making. You will benefit from experiences you have gained designing and making objects in school or at home.

Connections to Other Subjects

You will use digital technology and writing skills when brainstorming ideas, researching and annotating your folio of work. Some basic maths knowledge is necessary when marking out and cutting materials in design materials.

Year 7 Digital Technologies (7DIGT)

In Digital Technologies, you will become more cyber-safety aware, and conscious of your digital footprint. This course will continue to develop the programming skills you have already established, and connect these to self-designed BBC micro:bit projects.

Skills and Interests Relevant to this Subject

Programming/ coding, electronics and computers.

Connections to Other Subjects

Skills in IT Computing are embedded in most disciplines and industries.

YEAR 8

THE ARTS

Year 8 Visual Arts (8AVIS)

Year 8 Visual Arts builds on the Arts practices established at Year 7. You will further develop your skills through experimenting with new mediums to create individual and collaborative artworks across a variety of art forms including elements of Visual Arts, Visual Communication Design and Media Arts. You will investigate different art and design principles and broaden your understanding and appreciation of arts forms by studying the works of various artists and designers.

Skills and Interests Relevant to this Subject

Sketching, painting, collage, construction, animation, designing, illustration, architecture, advertising, photography.

Connections to Other Subjects

Creative Arts connects with Visual Arts, Visual Communication Design, Media Arts, Technology, Humanities and English.

Year 8 Performing Arts (8APER)

Year 8 Performing Arts focuses on the student as a performer. Depending on your area of interest, you will develop stage skills to build confidence and use your imagination in a supportive and creative environment. You will study aspects of Music, Drama and/or Dance, and may work both individually and as part of an ensemble. You will investigate a range of styles and genres, and will be provided with the opportunity to be involved in various performance opportunities such as the Performing Arts Evening.

Skills and Interests Relevant to this Subject

Acting, singing, dancing, lighting, sound production, music, sound effects, film, television and theatre.

Connections to Other Subjects

Performing Arts connects with Drama, Dance, Music, Media Arts and English.

ENGLISH

Year 8 English (8ENG)

English is a compulsory study. At Year 8, English is focused on developing your knowledge, understanding and skills in listening, speaking, reading, viewing, writing and creating. You will understand how language works in its verbal and written forms and how the study of Literature helps you to explore the world through stories, characters and themes embedded in the texts.

Skills and Interests Relevant to this Subject

You bring your experience from Year 7 English, including: your good reading habits; your knowledge of media and current affairs; your interest in discussing and debating your opinions about issues and important events, and your experiences as a viewer of multi-modal texts.

Connections to Other Subjects

English skills connect to all subjects because you use reading comprehension to make sense of texts both written and graphic. You use oral skills for discussion and presentations and you aim to write effectively in all subjects.

Year 8 LINKS and English as an Additional Language (8LINKS & 8EAL)

Year 8 students identified by the College as having a priority need to build their literacy skills continue in a Literacy class or EAL class. They will focus on reading comprehension, English grammar and text essay writing. Students will continue to study Literacy or EAL in Year 9.

ENRICHMENT

Year 8 Enrichment (8ENR)

Enrichment is a learning program provided to enable students to broaden their understandings and enhance their thinking skills outside of the regular set curriculum of specific subjects. The course is designed to allow students to enhance their personal learning skills and therefore there is a focus on thinking skills and processes, communication and team work and use of technology. Students may nominate themselves for the Enrichment class (a one semester unit) and must complete an Enrichment application form. Acceptance into an Enrichment class is dependent upon a variety of factors, including commitment to academic excellence and maintaining positive work habits.

Skills and Interests Relevant to this Subject

Students must be motivated to expand knowledge of how learning occurs and to move outside of their comfort zone. They will need to want to communicate with others. At the Year 8 level, there is a key focus on active learning, with students completing individual and groups tasks where the continued development of problem solving, critical thinking and analysis skills are emphasised.

Connections to Other Subjects

The material covered in the Year 8 course is related to other subject areas, with students developing skills which are transferable.

HEALTH AND PHYSICAL EDUCATION

Year 8 Health and Physical Education (8HPEB & 8HPEG)

Health and Physical Education (HPE) is specifically concerned with developing your knowledge and skills related to health, fitness, safety, movement and recreation in order to enhance your quality of life.

Skills and Interests Relevant to this Subject

As a part of (HPE) you will:

- Engage in regular physical activity.
- Participate in: water safety, soccer, basketball, volleyball, netball, Australian Rules football, and cricket.
- Develop an understanding of: muscles, the skeleton, different health information, adolescence, nutrition.

Connections to Other Subjects

- The (HPE) curriculum also develops your ability to:
- Respond to challenges.
- Reflect and plan.
- Think strategically.
- Work as part of a team.
- Work towards a goal.



HUMANITIES

Year 8 History (8HHIS)

History is a semester long compulsory subject for Year 8 students. You will study the transition from the ancient to the modern world covering the period 650AD to 1750AD. Key areas of focus are the Vikings, the Black Death and Japan under the Shoguns.

Skills and Interests Relevant to this Subject

You bring your skills and knowledge from STEP and your interest in learning about the past, people and cultures.

Connections to Other Subjects

History is connected to English as written skills will be important. You will develop independent research skills and an ability to investigate primary and secondary sources.

Year 8 Geography (8HGEO)

Geography is a semester long compulsory subject for Year 8 students. You will learn about different landforms including those formed by water, deserts and mountains. In Geography, fieldwork is an important skill and you will learn this through an excursion examining the water cycle in the local area. You also investigate urbanisation and the changing world population.

Skills and Interests Relevant to this Subject

Your ability to form an opinion and discuss it with your peers, your research and ICT skills and your ability to write reports and analyse information will all be used in this subject. If you have an interest in what's happening in our world both locally and internationally then Geography is for you.

Connections to Other Subjects

You will develop your oral, research, report writing and ICT skills which are used in most other subjects. Some of the issues have a scientific basis and there is an awareness of history and how our world is changing both physically and economically.

LANGUAGES

Year 8 Italian (8ITA)

Did you know that pizza originated from Italy in the 1860s and do you know what Carnevale and the Commedia dell'Arte have in common? You will also be learning about the many famous Made in Italy brands such as Ferrari, Versace, Gucci and Nutella.

Skills and Interests Relevant to this Subject

Improve your conversational fluency when shopping and learn more about the fascinating City of Venice. Appreciate the ways in which culture and language are connected via Italian music and films. Pray the Padre Nostro.

Did you know that St John's offers all Year 9 to 12 students the opportunity to travel to Italy every two years?

Connections to Other Subjects

Learning to think differently, speak, read and write in another language certainly helps you to make links with all your other subjects from improving your grammar in English to appreciating more Design, Technology, the Arts, History, Science and Religion.

The study of Italian is compulsory (unless you are completing Literacy or EAL) in Years 7 and 8. To study Italian in Year 9, Year 10, Year 11 or Year 12, you must have studied Italian the previous year.

MATHEMATICS

Year 8 Mathematics (8MAT)

In Year 8 Mathematics students are given the opportunity to solve everyday problems involving rates, ratios and percentages, solve problems relating to the volume of prisms, simplify algebraic expressions, solve linear equations. You will also learn to convert between units of measurement, perform calculations on perimeter and area and explain issues related to the collection of data and the effect of outliers on means and medians in that data.



Skills and Interests Relevant to this Subject

Do you like to solve problems? Would you like to improve your skills in estimation working with numbers, math calculations using formulas and developing the ability to think logically? Then Year 8 Maths will help you do this.

These are examples of some professions that use Mathematics; Carpenters, Electricians, Mechanics, Doctors, Nurses, Chemists and Architects.

Connections to Other Subjects

The study of Mathematics is compulsory at Years 7, 8, 9 and 10.

Year 8 Numeracy (8NUM)

Students who are deemed to require assistance with the underlying skills and knowledge of Mathematics may be invited to attend Numeracy in the place of core Mathematics. Enrolment in this subject will usually mean that the student will not undertake a Mathematics in VCE.

RELIGIOUS EDUCATION

Year 8 Religious Education (8REL)

Religious Education in Year 8 builds on the previous knowledge students have of Jesus and the Word of God. The unit delves into the history of Jesus and the Saints who followed his time. The course covers the times and life of Jesus, the life of later Saints and the development of the running and partaking in a Mass.

Skills and Interests Relevant to this Subject

Creating an understanding of the times and historical context of the scripture and the triumph of good. Seeing the connection between the past and the way it is still linked to the Catholics of today.

Connections to Other Subjects

Having completed Year 7 Religious Education students continue to build on their knowledge. They also analyse scripture, leading into their future studies during Years 9-12.

SCIENCE

Year 8 Science (8SCI)

The Year 8 Science course explores cells and how they are organised into organs and systems. The properties of matter and chemical reactions are studied. Other topics include rocks and minerals and energy in the form of light and sound.

Skills and Interests Relevant to this Subject

Students build on the skills and procedures studied in Year 7. They learn how to make predictions based on scientific knowledge and plan and conduct investigations. Students also learn how to communicate using scientific language. Practical skills include learning how to use microscopes and how to create an experiment that is a fair test.

Connections to Other Subjects

Skills gained in Science such as problem solving, questioning, researching, writing and clearly presenting information connect to most other subjects.

DESIGN AND TECHNOLOGIES

YEAR 8 DESIGN AND TECHNOLOGIES

The Year 8 Design and Technologies course provides further opportunities to express your creativity and extend your skills presenting a folio of design work. As your teacher guides you through designing and making activities, you will learn to communicate your design ideas in a variety of ways, including 2-D and 3-D drawings, models and Digital Technologies.

Year 8 Design Food(8DTFO)

This unit provides you with further opportunities to develop creative food designs and consolidates the skills introduced at Year 7 for safe kitchen hygiene practices.

Year 8 Design Materials (8DTMA)

In this unit you will design and make a variety of objects using a combination of wood, metal and plastic. This course emphasises for you the importance of designing, making and comparing your design work against those you will find in the home and in industry.

Skills and Interests Relevant to these Subjects

In Design Materials, bring your experiences and interests designing and making objects in school or at home. You will benefit from an interest in drawing two- and three-dimensional shapes and model making. In Design Food, you should bring an interest in understanding how important nutrition and food preparation

are for maintaining a healthy life-style.

Connections to Other Subjects

You will use digital technology and writing skills when brainstorming ideas, researching and annotating your folio of work. Basic maths knowledge is used when measuring ingredients used in your cooking and baking classes and when measuring and marking-out materials used in Design Materials.

Year 8 Digital Technologies (8DIGT)

You will understand how data moves within digital systems, and how to manipulate data. You will explore elements of robotics, and how programming and coding can be used to manipulate objects. You will engage in project-based learning along with peers in your class.

Skills and Interests Relevant to these Subjects

Fields linked with technology, as well as engagement with STEM areas, including engineering.

Connections to other Subjects

Mathematics, Science, Arts, Information Technology and Systems Engineering.

YEAR 9

THE ARTS

Year 9 Music : Syncopation (9AMUIA)

In this course you will learn how to creatively interpret and arrange contemporary music to develop a personal style. You will combine and manipulate music elements to vary the content, form and structure of music works using the conventions of a specific style. You will learn to further develop a composition folio to maintain a record of the creative process and present your music works using a range of media, equipment and technologies.

Year 9 Music : Groove Essentials (9AMUSW)

This course will teach you essential song writing skills and give you the opportunity to present your original compositions to an audience using a range of media, equipment and technologies. You will explore lyrical form, and contemporary song writing techniques, and continue to develop your technical skills on selected instruments to gain a greater insight into what it means to be a songwriter/composer.

Skills and Interests Relevant to this Subject

Lyric writing, poetry, song writing, sound, and performing.

Connections to Other Subjects

Music, Mathematics, Physics, and English.

Year 9 Dance: Let's Dance (9ADAN)

You will focus on safe dance practices, including warm-up and stretching, as well as basic elements of improvisation, composition and performance. You will also explore and develop your own choreography and delve into the use of space, levels and rhythm patterns.

Skills and Interests Relevant to this Subject

This program will develop your confidence through learning to express yourself in the form of creative movement. The styles of dance explored and learnt in this study range from jazz and funk to classical and contemporary.

Connections to Other Subjects

Health and Physical Education & The Arts

Year 9 Dance: 5,6,7,8! (9ADFS)

You will focus on safe dance practices, including warm-up and stretching, as well as basic elements of improvisation, composition and performance. You will also explore and develop your own choreography and delve into the use of space, levels and rhythm patterns.

Skills and Interests Relevant to this Subject

This program will develop your confidence through learning to express yourself in the form of creative movement. The styles of dance explored and learnt in this study range from jazz and funk to classical and contemporary.

Connections to Other Subjects

Health and Physical Education & The Arts

Year 9 Drama: Role Development (9ADRD)

You will focus on the development of character for performance. In studying this course, you will examine the basic theories of acting and explore practical character building exercises. Through improvisation, you will acquire skills to transform yourself into a character. You will also work with non-naturalistic performance elements and learn about space, time, contrast and character transitions.

This course also includes the development of a whole class performance, and the use of visual and written stimuli to create scenarios.

Year 9 Drama: Improv and Playbuilding (9ADRIIM)

You will examine dramatic tension as well as explore what it means to create a play. You will interpret scripts and share these performances with your class. You will also look at ways in which improvised performances may be transferred to a script.

Skills and Interests Relevant to this Subject

Acting, performance, singing, dancing, writing.

Connections to Other Subjects

Music, Dance, English and Literature.

Year 9 Media: Photography and Animation (9AMPA)

In studying this unit you will look at a brief history of photography, be introduced to photographic compositional guidelines and design elements. You will learn how to use a camera to apply these principles and use Photoshop to turn your creations into works of art. You will also delve into the idea of Persistence of Vision and how it led to animation and film making. This will provide a good foundation to create your own animation.

Skills and Interests Relevant to this Subject

Photography, film making, animation, marketing, art, communication, blogging and journalism.

Connections to Other Subjects

Art, Visual Communication, Psychology and English.

Year 9 Media: Video and Advertising (9AMVA)

You will gain experience in learning how a real studio operates, producing a school news television segment. By studying this subject you gain an understanding of the role advertising plays in the media and you will create your own commercial for a product. You will create a design plan for a media product and produce an advertising campaign to support it.

Skills and Interests Relevant to this Subject

Film and television, acting, design, marketing and communication.

Connections to Other Subjects

Drama, Visual Communication, Business, English and Psychology.

Year 9 Art: 2D Artforms (9A2D)

You will generate and extend artistic ideas through research into contemporary art forms. You are encouraged to explore the design process as a way of developing ideas for artworks. You will study a range of two-dimensional art forms including drawing, painting and printmaking. Studies in art theory include exposure and research into a range of different art styles.

Skills and Interests Relevant to this Subject

Drawing, painting, History and English.

Connections to Other Subjects

Media, Visual Communications and Design, English and History.

Year 9 Art: 3D Artforms (9A3D)

You will develop your artistic skills and techniques through an exploration of three-dimensional art forms. In 3D studies, you undertake works in both sculpture and ceramics employing techniques such as carving, hand building and construction. Decorative and functional works of art are made. Studies in art theory focus on developing an appreciation of three-dimensional artworks including sculptural techniques, which is aided by a visit to a sculpture park.

Skills and Interests Relevant to this Subject

Sculpture, Design, History.

Connections to Other Subjects

Media, Visual Communication and Design, English and History

Year 9 Visual Communication Design: Design and Make (9AVCL)

In this unit you will explore the role of a graphic designer in the commercial world and will have the opportunity to respond to a series of design briefs. The focus is on understanding and applying the design process. You will study a variety of drawing methods including freehand and technical drawing as well as digital software.

Year 9 Visual Communication Design: Design of the Decades (9AVCD)

In this unit you will explore the design elements and principles used in visual communication. You will have the opportunity to explore a range of graphic techniques and processes and apply 2D and 3D drawing methods as well as computer graphics to present designs to set tasks. Opportunity is provided for you to develop your own sense of style and solve design problems creatively.

Skills and Interests Relevant to this Subject

Drawing, Designing, Architecture, Engineering, Advertising, Product and Environmental Design, Symbols, Logos, Computer Graphics.

Connections to Other Subjects

Year 9 Graphics connects with Art, Studio Arts, Media and Visual Communication and Design, Design Technology

ENGLISH

Year 9 English (9ENG)

English is a compulsory study. Year 9, English continues to focus on developing your knowledge, understanding and skills in listening, speaking, reading, viewing, writing and creating. You will understand how language works in its verbal and written forms and how a study of Literature helps you explore the world through stories, characters, themes and values embedded in the texts.

Skills and Interests Relevant to this Subject

You bring your experience from Year 8 English, including your good reading habits, your knowledge of media and current affairs; your interest in discussing and debating your opinions about issues and important events and your experience as a viewer of multi-modal texts.

Connections to Other Subjects

English skills connect to all subjects because you use reading comprehension to make sense of texts both written and graphic. You use oral skills for discussion and presentations and you aim to write effectively in all subjects.

Year 9 Writers' Workshop (9WRI)

Year 9 Writers' Workshop is a semester option for students who enjoy English and want to be extended. You focus upon how writers construct texts. It includes production of a folio, blogging and genre writing.

Skills and Interests Relevant to this Subject

You bring your experience from Year 8 English, including your good reading habits, your knowledge of media and current affairs, and your experience as a viewer of multi-modal texts.

Connections to Other Subjects

English skills connect to all subjects because you use reading comprehension to make sense of texts- written and graphic. You use oral skills for discussion and presentations and you aim to write effectively in all subjects.

ENRICHMENT

Year 9 Enrichment (9ENR)

The Year 9 Enrichment course is structured to enable students to broaden their understanding and enhance their thinking skills outside of the regular set curriculum of specific subjects. Personal learning skills, thinking skills, communication and team work are central to the program. The use of technology is enhanced through the study of the program. Students may nominate themselves for the Enrichment class (a one semester unit) and must complete an Enrichment Application Form. Acceptance into an Enrichment class is dependent upon a variety of factors, including commitment to academic excellence and maintaining positive work habits.

Skills and Interests Relevant to this Subject

Students must have a keen desire to focus on their own active learning. At the Year 9 level, developing skills to enhance critical and creative thinking, personal and interpersonal learning are of particular focus.



Connections to Other Subjects

The material covered in the Year 9 course is related to other subject areas, with students learning skills which are transferable.

HEALTH AND PHYSICAL EDUCATION

Year 9 Health and Physical Education (9HPEB & 9HPEG)

Health and Physical Education (HPE) is specifically concerned with developing your knowledge and skills related to health, fitness, safety, movement and recreation in order to enhance your quality of life.

- Engage in regular physical activity.
- Participate in: touch, cooperative games, handball, ten pin bowling, self-defence, outdoor activities, and badminton.

Skills and Interests Relevant to this Subject

As a part of (HPE) you will:

- Develop an understanding of: injuries and first aid, risk taking, relationships, mental health, health promotion.
- Experience lifelong physical activities.
- Take part in community recreation.

Connections to Other Subjects

The (HPE) curriculum also develops your ability to:

- Respond to challenges.
- Reflect and plan.
- Think strategically.
- Work as a part of a team.
- Work towards a goal.

HUMANITIES

Year 9 Commerce (9HCOM)

In this subject students will investigate personal finance including how to write and manage a budget, explore basic accounting skills and use Microsoft Excel. You will learn about making wise spending decisions, investment opportunities and an introduction to the market economy. You will investigate pathways after school, and develop entrepreneurial skills by creating and running your own business.

Skills and Interests Relevant to this Subject

This subject uses Microsoft Excel and ICT skills, you will also have to use a range of written skills to prepare posters, budgets and assignments.

Connections to Other Subjects

Commerce is connected to careers and investigating both subject choices and courses or jobs available after high school. It will also utilise ICT and English skills as you analyse and compare information.

Year 9 Geography - Sustainability & Biomes (9HSGE)

Geography is the study of the earth and its features and the distribution of life on earth, including human life and the effects of human activity. In this elective we look at the different biomes in the world and how humans

are changing our planet. We will look at how you can help to create a liveable and sustainable world for future generations. Topics such as endangered species, the global food crisis and biomes will include research, constructing and interpreting maps, graphs and fieldwork. This is a subject that is topical and relevant to this generation.

Skills and Interests Relevant to this Subject

Your ability to form an opinion and discuss it with your peers, your research and ICT skills and your ability to write reports and analyse information will all be used in this subject. If you have an interest in what's happening in our world both locally and internationally then this is the elective for you.

Connections to Other Subjects

You will develop your oral, research, report writing and ICT skills which are used in most other subjects. Some of the issues have a scientific basis and there is an awareness of history and how our world is changing both physically and economically.

Year 9 Geography Interconnection (9HIGE)

In this subject you will look at the connections between people and places and how the world is rapidly changing. Additionally you will investigate tourism and its impact both within Australia and internationally. Students will also research how Australia connects with the rest of the world including through trade and foreign aid donations. Finally, you will examine how modern technology has changed the way people communicate.

Skills and Interests Relevant to this Subject

Your ability to form an opinion and discuss it with your peers, your research and ICT skills and your ability to write reports and analyse information will all be used in this subject. If you have an interest in what's happening in our world both locally and internationally then this is the elective for you.

Connections to Other Subjects

You will develop your oral, research, report writing and ICT skills which are used in most other subjects. Some of the issues have a scientific basis and there is an awareness of history and how our world is changing both physically and economically.

Year 9 History (9HHIS)

Year 9 History is a compulsory semester long subject examining the making of the modern world from 1750AD to 1918AD. You will examine the brutality of WWI including key battles such as Gallipoli. Also investigated are progressive ideas and movements such as capitalism, socialism and how individuals' beliefs and role within society has continued to change. The unit also examines European settlement of Australia including the Indigenous experiences.

Skills and Interests Relevant to this Subject

You bring your skills and knowledge from Year Eight History, your interest in Australia and the world around you and your ability to read and connect past events to current situations.

Connections to Other Subjects

History is connected to English as written skills will be important. You will develop independent research skills and an ability to investigate primary and secondary sources.



LANGUAGES

Year 9 Italian (9ITA)

This year's course is based on the themes of accommodation, special occasions and daily routines. Mamma mia! How can you not want to continue studying Italian knowing that Italy is the fifth most visited country in the world! Learning the Italian grammar will also help you understand English better.

Skills and Interests Relevant to this Subject

You will be continuing to practise your listening, speaking, reading comprehension and writing skills. Recite a short poem and participate in a poetry excursion to the University of Melbourne, an Italian restaurant and café! You will also learn to dance the traditional Tarantella, explore different festivals in the Italian culture, appreciate the history and art of Florence. Use what you have learnt to be part of our next Tour to Italy.

Connections to Other Subjects

Learning Italian will help you find a career in tourism, importing and exporting, international relations, fashion, nursing, banking, culinary arts, interior or graphic design, teaching and further education, interpreting and translating... Do you know that Australia exports wool, leather, coal, cotton and iron ore to Italy?

This subject is an elective (no longer compulsory) and a prerequisite subject which means it must be continuous. A satisfactory completion of Year 8 Italian is a prerequisite for Year 9 Italian.

MATHEMATICS

Year 9 Mathematics (9MAT)

In Year 9 Mathematics students are given the opportunity to; solve problems involving simple interest, recognize connections between similarity and the trigonometric ratios, expand binomial expressions, sketch linear and non-linear relations, use Pythagoras and trigonometry, and construct histograms and back to back stem and leaf plots.

Skills and Interests Relevant to this Subject

Do you like to solve problems? Mathematics lets you develop logical thinking and problem solving skills. Maths helps you to develop your thinking skills.

These are examples of some professions that use maths: Plumbers, Electricians, Sales people, Military Personnel, Lawyers, Civil Engineers and Accountants.

Connections to Other Subjects

The study of Mathematics is compulsory at Years 7, 8, 9 and 10. It is important to note that towards the end of Year 9, students must make a decision about which Mathematics to select in Year 10. Their Year 10 choice will determine which subjects they will be able to access in Years 11 and 12.

Student performance in Semester 1 of Year 9 Mathematics also plays a large part in determining which Mathematics they can select in Year 10.

Year 9 Numeracy (9NUM)

Students who are deemed to require assistance with the underlying skills and knowledge of Mathematics may be invited to attend Numeracy in the place of core Mathematics. Enrolment in this subject will usually mean that the student will not undertake a Mathematics in VCE.

Year 9 Mathematics Enrichment Elective—Maths in the Real World (9MATE)

This enrichment subject is being offered to enable students to work with Mathematics Curriculum content in greater breadth and depth, as well as emphasising higher order thinking skills and critical and creative thinking capabilities.

It is expected that those students with the highest capacity for both mathematical reasoning and a keen interest in Mathematics will be enriched by this program and by the opportunity to spend more time on Mathematics and working with those of a like mind.

Skills and Interests Relevant to this Subject

Students must be highly motivated and have demonstrated an enthusiasm for Mathematics. In this course students will be expected to:

- Productively participate in Project based learning.
- Work individually and in groups to further explore Mathematics in both theoretical and real world situations.
- Develop skills in project based learning.
- Develop organisational and management skills for independent learning and working in teams.
- Use a variety of ICT skills to research, represent and communicate their findings.

Connections to Other Subjects

This elective will provide an opportunity for students to develop their ability to:

- Reflect and plan.
- Work as part of a team.
- Respond to challenges.
- Use ICT to effectively research, represent and communicate findings and ideas.
- Develop the skills needed for independent learning.

RELIGIOUS EDUCATION

Year 9 Religious Education (9REL)

Year 9 Religious Education course content includes a comparative study of Modern Prophets with Prophets from the scripture. Students also analyse the structure of Psalms and also study the Sacrament of Hope and Healing.

Skills and Interests Relevant to this Subject

Students gain an understanding of the structure of the written word within the Bible and develop the knowledge of both past and present peoples who have changed the world. Students will be able to perform a higher level of analysis of Scripture.

Connections to Other Subjects

Students build on the knowledge acquired during their first two years at St John's and refine their skills. This course will enable them to decide between the Year 10 courses offered having been introduced to material related to studying Text and Traditions or Religion and Society.

SCIENCE

Year 9 Science (9SCI)

The Year 9 Science course investigates the varied and challenging topics of atoms and radioactivity, the nervous and endocrine systems, pathogens that can cause disease and how our body protects itself against them. They will also learn about the Earth's plate tectonics, Electricity and Magnetism and Ecosystems.

Skills and Interests Relevant to this Subject

Students develop a further understanding of the theory and practice of science. They plan and conduct investigations and identify safety risks. Students also process and analyse data and evaluate and communicate their findings. Learning technologies including data logging are explored.

Connections to Other Subjects

Scientific skills including planning, evaluating, questioning, researching, writing clearly and presenting information connects to most other subjects.

DESIGN AND TECHNOLOGIES

YEAR 9 DESIGN FOOD

Design Food gives you the opportunity to understand the physical and chemical characteristics of food and their relevance to both food preparation and nutrition. You will develop an awareness of how food influences your growth and development. You will also look at the labelling, marketing and styling of foods. You can select one or both of the following Units:

Year 9 Design Food: Food for Life (9DLFO)

This unit focuses on modern food habits, healthy eating and the role you have as a consumer. You will develop a range of skills and techniques through a variety of practical applications.

Year 9 Design Food: Culinary Creations (9DCFO)

This unit focuses on factors influencing food selection and meal planning. You will develop an appreciation of creative food presentation. You will also gain an understanding of the importance of achieving a well-balanced diet.

Skills and Interests Relevant to this Subject

Bring an interest in personal health and life skills set around the importance of nutrition, food preparation and safety and personal hygiene. Have an interest in different cultures, their foods and how these foods are prepared.

Connections to Other Subjects

Your reading and writing skills from English are used when preparing and interpreting cooking instructions. Some basic maths and science is used when calculating quantities and understanding how and why flavours are created using different ingredients.

YEAR 9 DESIGN METALS

These units provide an opportunity for you to use your creative skills designing either home products, such as tables or personal jewellery such as rings and pendants. You can select one or both of these units.

Year 9 Design Metals: Creativity in Metals (9DCME)

You will develop more complex and challenging design problems and with increasing independence, you will apply the processes connected with designing and making jewellery. The techniques you learn will give you the skills necessary to design and make two quality pieces of jewellery.

Year 9 Design Metals: Innovation in Metals (9DIME)

In this unit you will use sheet and solid metals like Brass to design and make a functional product, such as an occasional table. These more complex designs will provide you with skills in drawing and the safe use of more complex tools and equipment, including MIG welding.

Skills and Interests Relevant to this Subject

Bring your experiences and interests designing and making objects in school or at home. Bring to class an interest in developing and expressing your creative ideas through drawing and model making.

Connections to Other Subjects

The skills you have developed in Design and Technology and Graphics will help when presenting a folio of ideas and working drawings used in production work. Some basic maths knowledge will be used when measuring and marking-out your materials. You will use the writing skills you have developed in English presenting design briefs and evaluation reports. ICT skills are used when brainstorming ideas, researching and annotating your folio work.

YEAR 9 DESIGN ELECTRONIC SYSTEMS

The Year 9 Design Electronic Systems program gives you the opportunity to learn more about circuit design, their control, and the components used to make basic automated systems and the energy sources which power them. You will explore the principles, structure and logic of electronic systems and how they convert energy in an Industrial setting. You can select one or both of the following units:

Year 9 Design Electronic Systems: Designing Electronic Systems (9DDEL)

You will learn about the safe use and care of tools and equipment as you explore electrical principles, for instance atoms and current flow, current, voltage, resistance, multimeters, electromagnetism, Ohm's Law and the Power Law. You will build practical models using electronic systems, for example the continuity Tester, Light/Dark Indicator and a simple vehicle.

Year 9 Design Electronic Systems: Application of Electronic Systems (9DAEL)

Throughout this unit you will extend your knowledge of electrical theories and principles such as capacitance, rectification and amplification. As you develop your kit building skills you will study sub-systems, such as radio receivers, signal amplification and system components including semi-conductors.

Skills and Interests Relevant to this Subject

Bring to this course your experiences and interests designing and making electronic models. You will have the opportunity to build some complex kits using electronic components that will further your interests in this area of Technology.

Connections to Other Subjects

Problem solving skills you have developed in Design & Technologies and Maths will help when constructing working models. You will use the writing skills you have developed in English when completing analysis and evaluation reports. Digital technology skills are used when researching and annotating your folio of work.

YEAR 9 DESIGN MATERIALS

The Year 9 Design Materials program gives you further opportunities to consolidate your skills when designing, planning and making your own products using materials . You can select one or both of the following units:

Year 9 Design Materials : Design and Development (9DDMA)

This unit focuses on developing a folio of work and further developing your understanding of the characteristics of timber, and how it can be used when designing and making functional products. You will use both hand and power tools in production work and investigate a variety of construction materials.

Year 9 Design Materials: Design and Innovation (9DIMA)

You will consolidate the skills used when designing, planning and making products using *wood, metal, plastics, glass and ceramics*. You will develop a more complex design brief and further develop skills communicating your designs using two and three-dimensional drawings. More complex tools, equipment and processes are used.

Skills and Interests Relevant to this Subject

Bring to this course your experiences and interests designing and making objects from home or school. There will be an opportunity to develop further your interests in drawing, model making and using tools and equipment for your making activities.

Connections to Other Subjects

The skills you have developed in Year 7 & 8 Design, Art and Visual Communication Design are used when presenting a design folio. You will use some basic maths when measuring and marking-out timbers. Digital technology skills are used when presenting design briefs and evaluation reports, brainstorming design ideas, researching and annotating your design folio.

YEAR 9 DESIGN TEXTILES

The Year 9 Design Textiles course gives you an opportunity to develop skills in designing, planning and making simple products using Fabrics. You can select one or both of the following units:

Year 9 Design Textiles: Product Function and Aesthetics (9DPTE)

In this Unit you will design and make a backpack or satchel. You will be introduced to a range of equipment and construction techniques. You will explore and evaluate fabric properties in the context of your design work, exploring function, purpose and aesthetics of your backpack. You will design and develop your own printed lining using a 'transfer' or 'sun' dye technique.

Year 9 Design Textiles: Garment Design and Construction (9DGTE)

This unit focuses on fabrics, their construction and how their characteristics influence your design and selection of materials when designing a garment. You will develop skills using machines and equipment along with basic drafting skills. You will explore a variety of creative dyeing techniques and apply these to your products' design.

Skills and Interests Relevant to this Subject

Your interests in fashion and styling and any experiences you have in sewing and needle work. Your drawing skills will be extended to include figure drawings used in the fashion industry.

Connections to Other Subjects

The skills you have developed in Year 7 & 8 Design, Art and Visual Communication Design are used in this subject when presenting a folio of design ideas. You will use some basic maths measuring and marking out fabrics. Digital technology skills are used when brainstorming design ideas, researching and annotating your folio of work.

YEAR 9 DIGITAL TECHNOLOGIES**Year 9 Digital Technology (9DIGT)**

Students produce a folio of work to show improvement in their spreadsheet, database and web design skill. As part of their project-based learning, students will use their application software skills, and the Digital Technologies Problem Solving Methodology to investigate, analyse and evaluate the role that social media plays in today's world. They will also discover who owns digital content.

This subject is the equivalent to Year 10 Computing: Application Software. Students who choose this subject will be eligible to do VCE Applied Computing Units 1 and 2 during Year 10.

YEAR 9 PROJECTS

As part of the Year 9 program, students will engage in five projects across the span of the year.

Year 9 Café Project

This project will promote all components of food production and service, and would see most former Canteen duties being transferred to students, with the Food Technology and Hospitality staff working in partnership. The overarching aim of this program is to introduce fresh produce for all products sold, and for Year 9 students to be integral to the working of this café.

Year 9 STEM: Mission to Mars

Students develop skills in programming and robotics using LEGO EV3 technology, and compete to complete a series of seven space missions including deploying a satellite into Low Earth Orbit, rescuing a Mars rover, remotely engaging communications on the red planet, and collecting rock samples from the Martian surface and the planet's moons.

Year 9 Hunger Pains

As the international population is set to grow, there are still people in the world who are starving. However, a lot of evidence shows that the world has the resources, technology and ability to solve world hunger. What would your solution be?

Year 9 Journey

Every person undertakes a journey throughout their life. Journeys can be spiritual and physical. In this project you will explore the journey of others. You will then document the journey of one individual, outlining how they came to be a member of our St John's community.

CONSTRUCTION OF A SENIOR STUDIES COURSE

WHAT SHOULD I CHOOSE?

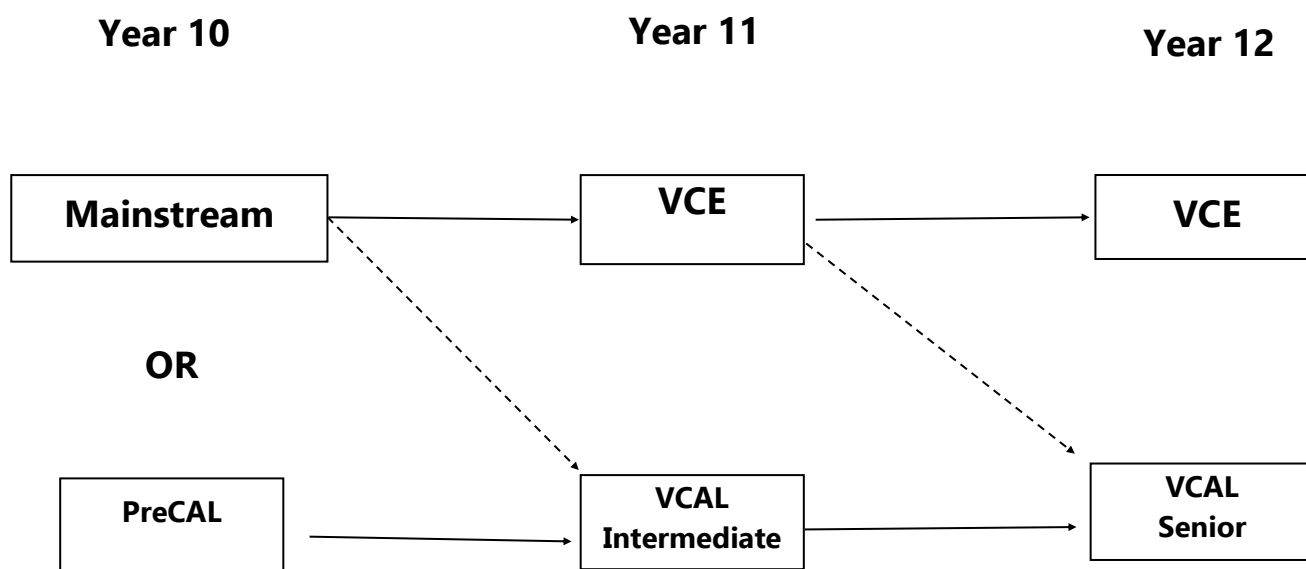
- When choosing subjects and learning pathways, remember to focus on your skills, interests and talents.
- Make sure that you have read through the Curriculum Guide.
- Have timely and meaningful conversations with others including: Other students (who have completed a particular subject or learning pathway), family members, current teachers, Homeroom Teacher, House Co-ordinator, Learning Area Leaders, Careers and Pathways Co-ordinator, Teaching and Learning Co-ordinator and Deputy Principal-Studies.

The following link provides you with very useful information:

http://portal/myClasses/Career_Pathways/default.aspx

OPTIONS AFTER YEAR 9

In Year 10, students may choose either a 'Mainstream' or 'PreCAL' pathway.



- Specific information about each of these pathways is outlined in the pages which follow.
- The following link also contains very useful information about learning choices and pathways:

<http://www.vcaa.vic.edu.au/Documents/wtn/wheretownow.pdf>

ADVANCED PLACEMENT PROGRAM – ACCELERATED STUDIES

The intellectual challenge and academic rigour of study increases dramatically throughout Secondary School. The Advanced Placement Program allows the many academically excellent students at St John's Regional College an experience that challenges and extends their talents.

Students who apply for this program must have a consistently outstanding record of academic achievement across all Learning Areas. They must have achieved results which place them Above or Established in the AusVELS Standard and have Management skills rated at "Excellent" or "Very Good" - across all subjects.

Year 9 students with an outstanding Semester One report may be offered the option of studying a VCE Unit 1/2 study in Year 10.

Year 10 students who have successfully completed a VCE Unit 1/2 sequence will be offered the option of continuing with the Unit 3/4 sequence of that subject in their Year 11 program.

Year 11 students who successfully complete a VCE Unit 3/4 sequence may be offered the option of applying to study a First Year University course.

ENTRY TO THE PROGRAM

Students wishing to enter the program are required to complete an application form available with subject selection materials. The form will require them to discuss their intentions with their parent/guardian, relevant subject teachers, their House Leader and the relevant Learning Leader. This form is then submitted to the Deputy Principal - Studies via the subject selection process.

Students must complete the relevant application form to be considered for the Advanced Placement Program. A screening process is enforced for all students wishing to access the program, to ensure that students meet all expectations.

Please note:

- Studying a 3 & 4 sequence at Year 11 does not necessarily entitle a student to a reduced program in Year 12.
- Not all subjects are necessarily accessible through this program.

YEAR 10

PreCAL

The PreCAL program is an applied learning program offered as part of a 'Mainstream' Year 10 course. Students who are interested in pathways other than a direct University entrance, are well suited to this program. Career aspirations which include traineeships, apprenticeships and practical learning are well supported through the PreCAL program.

Entry into the PreCAL program is by application. Those students who are then considered for the program are expected to attend a selection interview with their parent/guardian. Successful completion of the PreCAL program entitles a student to apply for the Year 11 Intermediate VCAL program.

Skills and Interests Relevant to this Subject

Students must be motivated to learn. Students need to be independent learners, have teamwork skills and be capable of functioning unsupervised in work environments. Students are expected to complete tasks which have 'real world' settings.

Other components of Year 10 Program

Students also undertake 3 one week blocks of work experience (in Term 2, 3 and 4) and attend a PreCAL camp. Additionally, students also undertake TAFE taster courses to assist with selecting their VET for Year 11 VCAL.

PreCAL students will undertake a combination of core learning programs and additional electives. Students will complete a VET as part of the PreCAL program.

THE ARTS

Year 10 Art : 2D Artforms (10A2D)

You will creatively explore art elements and techniques to produce a folio of two dimensional artworks. You will develop skills in drawing, painting and printmaking. A focus is placed on developing your own personal style. You will study Art theory that includes an introduction to compositional elements as well as investigating the work of artists responding to their differing historical and cultural contexts.

Year 10 Art : 3D Artforms (10A3D)

You will creatively explore the elements and techniques of sculpture to produce a folio of three dimensional artworks. You will develop skills in casting, modelling, carving and assemblage. There is a focus on investigating public art, environmental sculpture and conceptual art. An emphasis is placed on experimenting with a range of different materials for a variety of purposes.

Skills and Interests Relevant to this Subject

Drawing, painting, ceramics, sculpture, design, and creativity.

Connections to Other Subjects

Visual Communication, Media, History, Science and Technology

Year 10 Music: Musicianship and Performance- Patterns (10AJMU)

In this unit you will explore music techniques and experiment with new compositional styles with a focus on improvisation. You will continue to develop technical skills on your chosen instrument and familiarise yourself with live and recording technology.

Year 10 Music: Musicianship and Performance- Time Functioning (10APMU)

In this unit you will explore a variety of compositional approaches, extend your musicianship through aural training and theory concepts, and further develop your instrumental technique. There is an emphasis on performance and you will use live performance technologies to present works to an audience.

Skills and Interests Relevant to this Subject

Music, performance, sound engineering, playing in a band/ solo.

Connections to Other Subjects

English, Media, Drama and Dance.

Year 10 Dance: Creative Movement Expression (10ADAN)

You will become aware of how to use your body safely and correctly, concentrating on posture and core stabilisation, strength and body alignment. You will study common dance injuries as well as the influence of dance in the media, and also build upon your choreography skills through studying various styles of dance and performances.

Skills and Interests Relevant to this Subject

This program will develop your confidence through learning to express yourself freely in the form of creative movement. The styles of dance explored and learnt in this study range from jazz and funk to classical and contemporary.



Connections to Other Subjects

Health and Physical Education and the Arts.

Year 10 Drama: Thespians in Disguise (10ADRT)

In this unit, you will learn how to create and present a number of characters, and develop an awareness and understanding of how characters are portrayed in naturalistic and non-naturalistic performances. You will investigate a range of stimulus material and learn about stagecraft, conventions and performance styles. Particular skills you will develop include effective character creation, script writing, forming actor-audience relationships and developing play-making techniques.

Year 10 Drama: Lights, Camera, Action (10ADRA)

In this unit, you will learn how to create, present and analyse a performance based on a person, event, issue, place, artwork, text and/or icon from a contemporary or historical Australian context. You will have the opportunity to develop technical script writing skills, including the technical use of lighting, props and stage directions.

Skills and Interests Relevant to this Subject

This unit of Drama also links to and will enhance your skills in competent and confident public speaking, effective team or group work and analysis, review and story writing. After successful completion of Drama (Performance Styles) you will be prepared for a range of further studies, including VCE Drama.

Connections to Other Subjects

English, Literature, Music and Dance.

Year 10 Media: Photography (10AMPH)

In studying this unit you will analyse the work of master photographers and their techniques, learn how to use a Digital Single Lens Reflex camera (DSLR) and develop specialist shooting techniques. You will be introduced to more advanced skills in the use of Photoshop and gain more skills in the proper use of inkjet printers. You will gain experience in presenting photographs by learning how to mount them in a professional way. This also includes learning how to develop a Production Design Plan. You may also have the opportunity of being selected to photograph special events at St John's as part of the Media Crew and have your work published in newsletters and around the College.

Skills and Interests Relevant to this Subject

Photography, film making, marketing, and Art.

Connections to Other Subjects

Art, Visual Communication, Psychology, Information Technology, and English.

Year 10 Media: Video (10AMVI)

You will gain experience in learning about the language of film through the examination of the story and production elements involved in producing a movie. You will be introduced to different film genres and learn how to apply these elements to your own film production. You will also be introduced to more advanced editing suites and techniques and develop skills in authoring your own DVD, creating your own labels and covers. You will also be introduced to the creative process and learn how to create a Production Design Plan. You may also have the opportunity of being selected to Video special events at St John's as part of the Media Crew.

Skills and Interests Relevant to this Subject

Film and television, acting, design, marketing and psychology.

Connections to Other Subjects

Performing and Creative Arts, Visual Communication, Psychology, Information Technology, and English.

Year 10 Visual Communication Design: Design Influences (10AVCDE)

This course will develop your understanding of the importance of the design process relating to the design brief, the client and the designer. You will delve into the varying needs of draftspersons, architects, landscape artists, fashion designers, and illustrators. You will focus on exploring and designing a number of objects and constructed structures such as buildings.

Year 10 Visual Communication Design: Drawing Styles (10AVCDR)

This course will highlight the diverse application of two and three dimensional drawings focusing on the application of creative and technical means of presenting graphic information. You will produce a design folio giving you an opportunity to improve drawing skills and solve design problems manually and through ICT.

Skills and Interests Relevant to this Subject

Architecture, building, graphic design, fashion design, drawing.

Connections to Other Subjects

Mathematics, Art, Humanities, and Media.

ENGLISH

Year 10 English (10ENG)

Year 10 English is a compulsory study. This subject incorporates an enquiry based learning approach across the two key learning areas of English and History. You explore key historical events which provide a context for developing key skills in historical interpretation, language development and analytical and creative responses to texts.

Skills and Interests Relevant to this Subject

You bring your knowledge and skills from your study of English and History in Year 9. This includes your ability to read and connect past events to current situations; your good reading and writing habits, and your interest in discussing and debating your opinions about issues and important events.

Connections to Other Subjects

This English and History subject connects to all other subjects. You develop skills of interpretation and analysis in making connections to events and the context (time period and place) of the event; you develop your research skills in analysing source material; you develop effective writing skills, and you develop oral skills through discussion and presentations.

Year 10 Literature (10LIT)

Year 10 Literature is a semester option for students who enjoy English, enjoy reading and who want to develop their analytical and argumentative skills. Your study focus is upon how writers use language to construct images, symbols and characters. You will explore why some texts are viewed as timeless – containing ideas so powerful that they are as significant today as when they were first published.

Skills and Interests Relevant to this Subject

You bring your knowledge and skills from Year 9 English including your ability to read and connect past events to current situations; your good reading and writing habits, and your appreciation of multi-modal texts.

Connections to Other Subjects

English skills connect to all subjects because you use reading comprehension to make sense of texts both written and graphic. You use oral skills for discussion and presentations and you aim to write effectively in all subjects.

HEALTH AND PHYSICAL EDUCATION

Year 10 Health and Physical Education (10HPEG & 10HPEB)

Health and Physical Education (HPE) is specifically concerned with developing your knowledge and skills related to health, fitness, safety, movement and recreation in order to enhance your quality of life.

From 2020, students may elect to undertake studies in a particular stream of HPE: General HPE, Sports Science, Outdoor Environmental Studies or Coaching.

Skills and Interests Relevant to this Subject

As part of (HPE) you will:

- Engage in regular physical activity.
- Participate in: volleyball, invasion games and community recreation.
- Develop a greater understanding of: body systems, nutritional needs and personal development.
- Experience lifelong physical activities.

Connections to Other Subjects

The (HPE) Curriculum links to VCE Physical Education, VCE/VET Sport and Recreation, VCE Health and Human Development.

**Year 10 Sports Science (HPESS)**

This is a year long subject that students may elect to take as a replacement of the general HPE program. This subject is for the sports nut, budding scientist and curious mind. It focuses on the benefits of exercise and a healthy lifestyle in the context of elite sport, recreational physical activity, community health and wellbeing. You will learn about energy and body systems, exercise assessment and prescription, sports performance analysis, and the application of scientific principles of fitness and health.

Year 10 Outdoor Environmental Studies (HPEOE)

This is a semester long subject that students may elect to take as a replacement of the general HPE program. At the end of the semester, students return to the core HPE program. Outdoor Environmental Studies provides students with the skills and knowledge to participate in activities in outdoor environments and to respect and value diverse environments. The blend of direct practical experiences such as surfing, mountain biking and camping in outdoor environments with theory based study, enables informed understandings of human relationships with nature. Please note that there is an additional levy associated with this course.

Year 10 Sports Training and Coaching (HPECP)

This is a year long subject that students may elect to take as a replacement of the general HPE program. You will learn the basic principles for being a leader and the key teachings for being a good coach. You will be taught a new sport by expert coaches and discover different coaching styles. You will get to have a go at creating your own lesson plans, and teaching a sport to a group of primary school students, organising a Gala Day competition for this group. As part of this course you will also undertake studies in acute and long term responses to exercise, and develop an understanding of different energy systems and the most effective ways to train.

HUMANITIES

Year 10 Commerce: Business and Economics (10HCOM)

Students will develop an understanding of the world of business including globalisation, ethical business practices and current events. You will learn how a small business operates effectively and investigate the share market.

Students will also learn about supply and demand in the market.

Skills and Interests Relevant to this Subject

If you have an interest in business, commerce, money and how the world operates economically. This subject will use both written and ICT skills to research key events and issues.

Connections to Other Subjects

English skills connect to this subject as you will use reading comprehension to make sense of business related case studies. You will also use oral skills for discussion and presentations and you will aim to write effectively to explain and apply different business concepts. This subject leads to VCE Accounting, Business Management, and Economics.

Year 10 Commerce: Law and Politics (10HLAW)

Students will develop an understanding of the Australian legal system including law making processes. You will

research both criminal and civil cases and human rights issues. Students will also investigate the Australian political system including political parties, government bodies and election processes.

Skills and Interests Relevant to this Subject

If you have an interest in the law or politics and want to understand both current and past issues in Australia this subject will be relevant to you.

Connections to Other Subjects

You will use oral skills for discussion and presentations and your English skills as you aim to write effectively to explain and apply different concepts. This subject leads to VCE Legal Studies or Business Management.

Year 10 History (10HHIS)

The Modern World and Australia: students will study how the 20th century is the critical period in Australia's social, cultural, economic and political development. Additionally, students will look at indigenous civil rights and the migration experiences.

Year 10 History: Pop Culture (Elective) (10HHPC)

This unit focuses on studying two main areas in 20th century History. You will examine the impact of popular culture: movies, art, music and fashion from the 1950's until today. Additionally you will explore 'the Australian Dream', technological advances, sport and generational changes within Australia. Students will also investigate the environmental movement and issues such as global warming and nuclear testing.

Skills and Interests Relevant to this Subject

You bring your skills and knowledge from Year 9 History, as well as your ability to analyse music videos & film from English and Media. You also bring your interest in current events and Australian history.

Connections to Other Subjects

History connects to a number of other subjects, as it helps you to develop your research skills. It also connects strongly to English and Literature as it helps you to understand the context (time period and place) that your novels are set in. History connects well to subjects like Text and Traditions, where you will use similar analytical skills.

Year 10 Geography: Environmental Change (10 HEGE)

This unit explores the processes and activities which impact upon our environment and the role that humans play in a sustainable future. Students will consider environmental sustainability from a local, national and global perspective. Investigated topics include explorations of the sustainability status and challenges associated with Australia, our oceans, our local wetlands, our land resources and our school.

Skills and Interests Relevant to this Subject

Your ability to form an opinion and discuss it with your peers, your research and ICT skills and your ability to write reports and analyse information will all be used in this subject. If you have an interest in what's happening in our world both locally and internationally then this is the subject for you.

Connections to Other Subjects

Geography is connected to a range of subjects and you will use your English skills to write, analyse and interpret information both in text and, graph and map formats.

Year 10 Geography: Human Wellbeing (10 HHGE)

Using local, national and global perspectives, students explore the geography of human health and wellbeing and the spatial distribution of people and their activities. Investigations will include patterns and challenges associated with the health of indigenous people, the impact of war and conflict and the realities of poverty and social inequalities as topics. These topics allow the study of trends, responses and action.

Skills and Interests Relevant to this Subject

Your ability to form an opinion and discuss it with your peers, your research and ICT skills and your ability to write reports and analyse information will all be used in this subject. If you have an interest in what's happening in our world both locally and internationally then this is the subject for you.

Connections to Other Subjects

Geography is connected to a range of subjects. You will use your English skills to write, analyse and interpret information both in text, graph and map formats, along with Historical knowledge of global conflicts.

LANGUAGES

Year 10 Italian (10ITA)

Continue to be a participant in this exciting full year blend of language and culture. Did you know that Italy has the most cultural sites officially recognised by UNESCO and over 60% of the world's art treasures are found in Italy?

Skills and Interests Relevant to this Subject

Remember that a second language is a skill that most areas of work either require or prefer. Practise the art of purchasing food and bargaining.

Continue to reach for the stars in the annual poetry excursion to the University of Melbourne as well as visiting an Italian restaurant and café. Dive again into the world of Italian music and cinema!



The study of a Language attracts an added bonus in the VCE scaling formula. Extend what you have learnt and be part of our next Tour to Italy.

Connections to Other Subjects

Some examples of courses that will extend your language skills: Bachelor of Arts - Languages (Monash University, Clayton), Bachelor of Arts (University of Melbourne, Parkville), Commerce/Italian (Swinburne University, Hawthorn), Bachelor of Arts – International Studies (RMIT University), Graduate Diploma in Education & Interpreting and Translation.

It is a prerequisite subject which means it must be continuous. A satisfactory completion of Year 9 Italian is a prerequisite for Year 10 Italian (you must select both units). Studying a language outside of St John's? You may study a language through the Victorian School of Languages (VSL) as an extra subject. You must inform the College of any external language.

MATHEMATICS

Year 10 General Mathematics (10MATG)

General Mathematics provides courses of study for a broad range of students. This unit has a strong number component. The course will cover the contents of; Number and Algebra, Measurement and Geometry and Statistics and Probability.

Skills and Interests Relevant to this Subject

Would you like to improve your problem solving skills? Would you like to improve your skills in; working with number, math calculations, Linear Algebra, Data Geometry, and the ability to think logically, then Year 10 General Maths is for you.

Connections to Other Subjects

You must have completed Year 9 Maths to undertake Year 10 General Maths. The completion of Year 10 General Maths can lead to study in either Year 11 General Maths Standard, Year 11 Foundation Maths or 11 VCAL Numeracy.

Year 10 Math Methods (10MATM)

Year 10 Advanced Maths is designed for students who are very good mathematically and who are able to apply more abstract ideas in Mathematics. This Unit has a strong Algebra component.

Through key activities such as the exploration, recognition and application of patterns, students develop the capacity of abstract thought.

Skills and Interests Relevant to this Subject

Improve your skills in applying a range of mathematical calculations, analyzing and discussing applications of Mathematics and using technology (CAS Calculator) to produce results and carry out analysis in

situations requiring problem solving, modelling or investigative techniques.

Connections to Other Subjects

An excellent set of results in Year 9 Maths, leads to Year 10 Advanced Maths. A completion of Year 10 Advanced Maths can lead to Year 11 Specialist Maths Advanced, or Year 11 Specialist Maths (CAS), or Year 11 General Maths Standard.

Year 10 Foundation Mathematics (10MATF)

Year 10 Foundation Mathematics is designed for students who have undertaken the College's Numeracy program. An emphasis of this course is real-world mathematical applications.

Year 10 Mathematics Enrichment Elective—Maths in the Real World (10MATE)

This enrichment subject is being offered to enable students to work with Mathematical processes such as; modelling, problem solving and reasoning.

This subject will also emphasise higher order thinking skills and critical and creative thinking capabilities.

It is expected that those students with the highest capacity for both Mathematical reasoning and a keen interest in Mathematics will be enriched by this program.

Skills and Interests Relevant to this Subject

Students must be highly motivated and have demonstrated an enthusiasm for Mathematics. In this course students will be expected to;

- Productively participate in Project based learning.
- Investigate a broad range of Mathematical applications.
- Develop a sound background for further studies in Mathematics and Mathematical related fields.
- Develop organisational and management skills for independent learning and working in teams.
- Use a variety of technologies to research, represent and communicate their findings.

Connections to Other Subjects

This elective will provide an opportunity for students to develop their ability to:

- Respond to challenges.
- Use technology effectively in a variety of situations.
- Develop organisational and management skills for independent learning.
- Develop organisational and management skills for working in teams.

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RELIGIOUS EDUCATION

Year 10 Religion and Society Units 1 and 2: The Role of Religion in Society (10RAS)

In this unit students explore the origins of religions and the role of religions in the development of society, identifying the nature and purpose of religion over time. They investigate the contribution of religion generally to the development of human society. They also focus on the role of religious traditions over time in shaping personal and group identity.

Students examine how individuals, groups and new ideas have affected and continue to affect religious traditions. The unit provides an opportunity for students to understand the often complex relationships that exist between individuals, groups, new ideas and religious traditions broadly and in the Australian society in which they live. Students study in detail various methods of ethical decision-making in at least two religious

traditions and their related philosophical traditions. They explore ethical issues in societies where multiple worldviews coexist, in the light of these investigations.

Skills and Interests Relevant to this Subject

If you enjoy religious studies, reading, discussing and studying other religious traditions then you would be suited to this course of study.

Connections to Other Subjects

Knowledge, understandings and skills that have been developed in previous studies of Religious Education will provide a solid foundation to undertake studies of religion and society.

Year 10: To Know, Worship and Love

Students undertake a study of personal moral responsibility which focuses on personal conscience and decision making. They will respond to a series of ethical and moral dilemmas. Students will also focus on ancient religions and how their impact is still visible in today's world. Social justice practices will also be analysed.

Year 10: CYSMA

Students investigate and then engage in Youth ministry as a personal approach to spirituality and Catholic faith. A retreat occurs to initially introduce students to ministry. They analyse the leadership of Jesus, and reflect upon their personal qualities and capacity to lead. They will engage in a youth project to enact their youth ministry.

SCIENCE

Year 10 General Science (10SCIG)

General Science aims to engage students with science in the world of today. It provides an insight into the way science is applied and how scientists work. The subject investigates the influence of science on our lives by studying interesting and relevant topics including genetics and heredity, patterns in the periodic table and motion physics. This unit concludes with a study of Global systems such as the carbon cycle.

Skills and Interests Relevant to this Subject

Studying General Science enables students to gain a deeper understanding of how science affects their daily lives. They work towards becoming more knowledgeable about how science is continually evolving and learn to draw conclusions consistent with evidence. Laboratory skills, critical thinking and scientific communication skills are also further developed.

Connections to Other Subjects

All students must undertake one semester of General Science at Year 10. The study of General Science enables students to make informed decisions about scientific issues, further study options and careers. Skills gained in Science such as questioning, researching, writing clearly and presenting connect to most other subjects. This unit combines well with Working Scientifically as a full year of science. Year 9 Science needs to be completed before commencing General Science.

Year 10 Working Scientifically (10SCIW)

This subject focuses on challenging and developing students' science skills in preparation for VCE science. Students learn more about the stimulating topics of the Big Bang, Evolution, Chemical Reactions, Nanotechnology and the Physics of energy transformations.

Skills and Interests Relevant to this Subject

Students will have the opportunity to advance their practical report writing techniques and focus their critical thinking skills by undertaking challenging investigations. This subject will leave them better equipped to succeed in any VCE science subject.

Connections to Other Subjects

If you want to have a better understanding of how the world works, enjoy reading about new scientific breakthroughs and wonder where Science will take us in the future then Working Scientifically is recommended for you. This is a compulsory subject for VCE Chemistry, Physics and Biology. It is recommended for students intending to study Psychology.

Year 10 Astronomy (10AST)

This subject expands upon the teaching of General Science and emphasises the study of physics. Students engage with a study of the universe, looking into the stars, explore the wonders of our Universe, and their awesome and destructive power. Learn how stars are born, what they are made of, how their futures depend on their mass, and how mass determines stellar end-points such as black holes. Discover the origin of our solar system and explore the celestial bodies that populate it. Examine the Milky Way galaxy and find out how galaxies are created. Explore the laws that govern motion and learn the tools of the astronomer's trade. Gain insight into the future of space exploration and planetary colonisation.

Skills and Interests Relevant to this Subject and Connections to Other Subjects

Studying this science will enable students to gain a deeper understanding of the larger universe. It leads to study in other sciences, particularly physics.

DESIGN AND TECHNOLOGIES

YEAR 10 DESIGN MATERIALS

This course explores the characteristics of timber, plastics, metals and the factors that affect product design. You will further your skills with hand tools and machines and apply these to jointing techniques used with a variety of materials. These units offer the skills and knowledge you will need for VCE Product Design and Technology. If you wish to continue this subject at VCE it is recommended you complete both units at Year 10.

You can select one or both of the following units:

Year 10 Design Materials: Construction (10DCMA)

This unit focuses on the processes used in the design and production of domestic furniture. You will develop planning and organizational skills used in the design and manufacture of projects that relate to your interests and level of skill.

Year 10 Design Materials: Timber (10DTMA)

This unit introduces a wider and more complex range of tools and equipment used in carpentry. You will gain skills in planning, evaluating and costing your project work and investigate timber products and materials suitable for indoor and outdoor use.

Skills and Interests Relevant to this Subject

An interest in planning design, making activities and some experience using a range of processes and tools in a workshop environment. Skills you have developed in Year 7, 8 and 9 Design and Technologies and Visual Communication Design, will help when presenting a folio of freehand and instrumental drawings used in the

design of your products.

Connections to Other Subjects

Skills developed in English will help you develop a design brief, and annotate your research and design options and describe the processes necessary for production. Skills in Mathematics are necessary when determining measurements and cost of materials used for production work.

YEAR 10 DESIGN ELECTRONICS

Year 10 Electronics forms the academic foundation for the study of VCE Systems Engineering. You will learn how to operate, modify and construct systems, identify cause and effect relationships within a system and assemble both simple and complex electronic systems.

You can select one or both of the following units:

Year 10 Design Electronics: Design in Electronic Systems (10DSEL)

In this unit you explore the use of printed circuit boards, amplifiers and timing circuits through your theory and project work. You will design and integrate circuits using analogue and digital systems which leads to applications in robotics.

Year 10 Design Electronics: Design Electronic Innovation (10DIEL)

In this unit you use a range of electronic components in a variety of systems. More advanced testing equipment, such as the cathode-ray oscilloscope is incorporated into your project work. You will gain knowledge of digital electronics and computer technology.

Skills and Interests Relevant to this Subject

Bring to this subject a high level of interest in designing, operating, constructing, assembling and evaluating electronic and robotic systems.

Connections to Other Subjects

Problem solving skills you have developed in Design & Technology, Maths and Science will help when constructing electronic models. You will use the writing skills you have developed in English when completing analysis and evaluation reports. Digital Technologies skills are used when researching and annotating your design work.

YEAR 10 FOOD STUDIES

This course provides an understanding of how food can be selected and prepared as the basis of a healthy lifestyle. This course offers the skills that prepare you for VCE Food Technology and VET Hospitality. You can select one or both of the following units:

Year 10 Food & Technology: Innovative Food (10DIFO)

You will develop a wide variety of culinary skills and explore how new and modified food products are incorporated into existing recipes as well as the key properties of food.

Year 10 Food & Technology: Food Cuisine (10DCFO)

With the primary focus on international foods, you will explore how multiculturalism has influenced our way of thinking about food. You will explore the importance of food in celebrations around the world and simulate these foods through your own food design work.

Skills and Interests Relevant to this Subject

Bring an interest in food, nutrition and good health, and in knowing how informed choices when selecting, storing, purchasing, preparing and consuming foods can contribute to a healthy life style.

Connections to Other Subjects

Skills developed in science will help you identify the sensory, physical and chemical properties of food and how these properties can be applied when designing and producing food products. Experiences gained through Design Materials and Technology will help you in the preparation of a folio of work.

DIGITAL TECHNOLOGIES

YEAR 10 DIGITAL TECHNOLOGIES

Digital technologies provides the opportunity for project based learning, through the exploration of digital systems, data and information and the creating of digital solutions. These include:

- Creative, innovative and purposeful learning.
- Analyse problems and logically and collaboratively design solutions using problem-solving skills.
- Using data, information, processes and digital systems to develop a virtual portfolio of original works.

Students intending to study Computing in VCE or VCAL are recommended to complete a minimum of 1 unit.

Year 10 Digital Technologies: Application Software (10DITAS)

As part of their project based learning, students will investigate, analyse and evaluate the role that social media plays in today's world. They will also discover who owns digital content.

Year 10 Digital Technologies: Programming (10DITPR)

As part of their project based learning, students will investigate, analyse and evaluate the development of digital technologies through time. They will also explore the challenges and issues surrounding digital security.

Year 10 Zero Robotics (10SZR)

You will learn to use and apply C programming language to code SPHERES robotics in micro-gravity on board the International Space Station. This is an international competition. You collaborate and compete with students from more than 16 countries and work in tandem with NASA representatives and The University of Sydney. Students learn critical skills in coding, physics, maths, strategic thinking, engineering, robotics and project management.

YEAR 10 DESIGN METALS

This course focuses on metal processes and products. You will develop skills using more complex tools and equipment and produce a variety of useful quality products. You can select one or both of the following units:

Year 10 Design Metals: Creative Design in Metals (10DCME)

Through developing a folio of investigation and design ideas, you will explore various methods used in the making of contemporary metal products. You will design and create your own products using a range of skills, tools and techniques.

Year 10 Design Metals: Innovation in Metals (10DIME)

In this unit you are given an opportunity to understand how form and function is an integral part of design. You design and make an item of your choice based on your own level of expertise.

Skills and Interests Relevant to this Subject

You will bring creativity to a variety of designing and making activities using metals, including silver, bronze and brass. An interest in exploring design factors such as function and aesthetics will be beneficial.

Connections to Other Subjects

The skills you have developed in Design and Technologies and Visual Communication Design will help when presenting a folio of ideas and working drawings used in production activities. Some basic maths will be used when measuring and marking-out your materials. Digital Technologies skills are used when brainstorming ideas, research and annotating your folio work.

YEAR 10 DESIGN TEXTILES

This course focuses on developing design skills and techniques needed for the construction of fashion garments. You will have the opportunity to bring individual expression and creativity to your design work. This course prepares you for VCE Design and Technology - Textiles.

You can select one or both of the following units:

Year 10 Design Textiles: Design Printing and Construction (10DPTE)

You will have an opportunity to bring your own creativity and modifications to a commercial pattern. You will develop advanced sewing techniques. You will design and create your own fashion label and swing tag. You will also have an opportunity to attend the Melbourne Fashion Festival Fashion parade in Semester 2.

Year 10 Design Textiles: Garment Design and Construction (10DGTE)

In this unit you are given the opportunity to explore the fashion industry and create your own garment. You will explore the characteristics and properties of a wide range of fabrics and apply this knowledge when selecting your materials for your garment design and you will have an opportunity to attend the Melbourne Fashion Festival Fashion parade in Semester 2.

Skills and Interests Relevant to this Subject

You will bring creativity to a variety of designing and making activities. An interest in exploring the design characteristics of fabrics, such as function and aesthetics will be beneficial.

Connections to Other Subjects

The skills you have developed in Design Textiles and Graphics will help when presenting a folio of ideas and figure drawings. Basic maths is used when measuring and marking out your fabrics. ICT skills are used when brainstorming ideas, research and annotating your folio work.

YEAR 11 AND 12

VCAL OR VCE

Students at St John's Regional College are able to choose from two senior courses for Years 11 and 12, namely VCAL or VCE. Each course is a recognised senior certificate and prepares students for work, further study or both.

VICTORIAN CERTIFICATE OF APPLIED LEARNING (VCAL)

The Victorian Certificate of Applied Learning provides students with an alternate, individualised program which incorporates school, work and further study.

At St John's we offer VCAL at two levels:

Year 11 - Intermediate VCAL

Year 12 - Senior VCAL

The program takes place in the school environment established exclusively for these young people and involves students applying and developing their skills in their chosen industry area, particularly through their individual areas of further study (e.g. VET study, Apprenticeship).

The VCAL course includes four core curriculum strands; Literacy and Numeracy Skills, Industry Specific Skills, Work Related Skills and Personal Development Skills. The academic component of VCAL is further enhanced by the completion of studies in Religious Education and VET Business. In addition, VCAL students must undertake individual VET Studies one day per week and also participate in Work Placements one day per week. (The individual VET component requires payment of fees by the parent/guardian. These are determined by the RTO).

VICTORIAN CERTIFICATE OF EDUCATION (VCE)

The VCE will prepare students for tertiary entrance to university, TAFE colleges or for future employment.

Each VCE study contains four semester units of work which students usually complete over two years. In general, Units 1 and 2 levels are studied in Year 11, and Units 3 and 4 are studied in Year 12.

To ensure a balanced Catholic education and a comprehensive VCE program, the regular structure of a VCE course reflects the following:

Year 11

- Religious Education
- English or Literature
- Five other Unit 1 & 2 Studies

Year 12

- Religious Education
- English or Literature
- Four other Unit 3 & 4 Studies

To obtain the VCE Certificate students must satisfactorily complete a minimum of 16 units of study which include:

- At least three units of English (which, in order to gain an ATAR score, must include a 3/4 sequence).
- At least three other Unit 3/4 sequences.
- The 16 units may include an unlimited number of units of Vocational Education and Training.

Some very able Year 10 students may wish to apply to study a Year 11 subject. The process is outlined in the Advanced Placement Programs section of this handbook.

The following links provide very useful materials:

<http://www.vcaa.vic.edu.au/Documents/wtn/wheretowgo.pdf>

<http://www.vcaa.vic.edu.au/Pages/vce/studies/index.aspx#1>

<http://www.vcaa.vic.edu.au/Pages/vcal/aboutvcal.aspx>

VET CERTIFICATE PROGRAMS AS PART OF **VCE & VCAL**

STRUCTURE OF VET CERTIFICATE PROGRAMS

VCE VET programs are vocational certificates approved by the Victorian Curriculum and Assessment Authority (VCAA) as appropriate for senior secondary school students, fully integrated within the VCE and endorsed for recognition in the VCE and VCAL by the Victorian Qualifications Authority (VQA).

VCE VET programs lead to nationally recognised qualifications, thereby offering students the opportunity to gain both the VCE and a nationally portable Vocational Education and Training Certificate.

VCE VET programs:

- Are fully recognised within the Unit 1 - 4 structure of the VCE and therefore may contribute towards satisfactory completion of the VCE. VCE VET units have equal status with other VCE studies.
- Contribute to the satisfactory completion of the Victorian Certificate of Applied Learning (VCAL)
- Function within the National Training Framework.

VET Certificate programs are designed by industry to meet industry standards. While gaining industry certification, students also achieve credit towards their VCE in the form of completed units of study and a study score towards their ATAR.

Please note: Students wishing to complete a VET Course must complete the entire course over two complete years. A student cannot enter the second year of a VET study without having completed the first year program.

"INTERNAL" AND "EXTERNAL" VET STUDIES

Students may choose to study an "Internal" or "External" VET subject.

At St John's Regional College, we offer "internal" VET studies in Music Industry, Interactive Digital Media, Sport and Recreation and Hospitality.

Due to the nature of these courses, some of them run in a "blocked" format which includes sessions which run after 3.30pm.

While involved in the VCE, senior students at St John's may be able to undertake an "external" VET study at a TAFE or local provider.

Some of these programs have been structured for one day per week, usually Wednesdays, for 6 to 8 hours. A number of the courses may require an intensive one week block to ensure that the full program can be conducted. In trade subjects, one week's work experience will be undertaken during holidays.

In Term 3, students interested in an external VET study must meet the Careers & Pathways Coordinator and complete the relevant application form. Students who enrol in a concurrent TAFE study may do one less VCE subject, providing them with nine study periods per cycle. The subject to be "dropped" will be decided in consultation with the Careers & Pathways Coordinator and the Deputy Principal - Studies.

As students will miss classes in some of their other VCE subjects while attending TAFE, their study periods must be used productively. It is the responsibility of the student to make up for any classes missed due to attendance at an external VET subject.

HIGHER EDUCATION STUDIES PROGRAM

Students who have completed a Unit 3/4 study as part of their Year 11 program, may be eligible for the Higher Education Studies Program.

AIMS OF THE PROGRAM

To provide the opportunity for able Year 12 students to undertake a first-year university subject as part of their VCE program for the purpose of providing intellectual challenges and to maximize their learning experience during their final year at school; and to assist students to learn about university study requirements with the purpose of easing their transition from school to University.

OUTLINE

Programs are generally delivered through off-campus learning. Students also have the opportunity to attend a number of on-campus sessions during each semester. These sessions may include the use of the university's facilities.

AUSTRALIAN TERTIARY ADMISSIONS RANK (ATAR)

If a student successfully completes a Higher Education Study, and if applicable co-requisite or prerequisite conditions were met, and subject to the restricted combinations outlined in VICTER, the study can contribute, as an increment, to the student's ATAR as a fifth or sixth study.

CREDIT

Higher Education Studies students must fulfill all the requirements of the standard on campus first year level university subject. Upon selection and admission to any university course a student who had completed a Higher Education study would be entitled to the same credit as a student who had completed that subject on-campus. Normally this would allow students to proceed directly into second-year level studies of that subject. However, not all degree programs will allow credit for all subjects. Further details are published in the Higher Education Studies Information Booklet published by each of the universities each year.

VCE CONSIDERATIONS

Following Your Interests

There are three important considerations when choosing a VCE program. These are:

- Choose subjects you will most likely succeed in (these are usually subjects of INTEREST).
- Choose subjects that you are most likely to enjoy (you will be INTERESTED in these).
- Check the prerequisites for university or TAFE courses of INTEREST to you.

Where a career pathway involves a university or TAFE course you should check whether there are any VCE prerequisites before finalising your VCE course.

Course Prerequisites

A prerequisite is a VCE unit or sequence of units that you must successfully complete in order to be eligible to apply for a particular course. For example, an Engineering Technology course might stipulate that Mathematics and Physics Units 3 and 4 are prerequisites. This means that if you haven't successfully completed these units you will not be considered for entry into the course.

In some cases the prerequisite may stipulate not only the subject, but also the lowest acceptable Study Score. For example, a Medical course might stipulate a minimum Study Score of 30 in Chemistry as a prerequisite. In this circumstance, regardless of how well you go in all other subjects, the selection officers will not consider you if your Study Score is less than 30 in Chemistry.

The Australian Tertiary Admissions Rank (ATAR)

The Australian Tertiary Admissions Rank (ATAR) is calculated by VTAC solely for the use of tertiary institutions to compare the overall achievement of students who have completed different combinations of VCE studies.

The ATAR is calculated using scaled Unit 3 and 4 study scores by adding the following;

- Scaled score for English (or Literature)
- The next best three scaled subject scores
- 10% of the fifth study (and 10% of a sixth study if undertaken)

The ATAR is designed so that it should not affect a student's choice of VCE studies. While scaling may raise the study scores in some subjects, the increase occurs only when the strength of competition is high. Scaling lowers the study scores of other subjects where the strength of competition is low. The strength of competition is measured by the total VCE performance of the students taking the study in that year. Scaling and strength of competition balance out. This leaves students free to choose their studies on the right kinds of educational grounds: **what they enjoy, what they are good at and what they need given their intended future studies or careers.**

The link below provides specific details for each VCE study as outline in the following pages:

<http://www.vcaa.vic.edu.au/Pages/vce/studies/index.aspx#1>

VCAL

VCAL (Victorian Certificate of Applied Learning) is a course offered as an alternative to the VCE Program.

Year 11—Intermediate VCAL

Pre-requisites: Students are expected to have successfully completed Year 10 or Year 10 PreCAL in order to apply for Year 11 VCAL.

Entry into the VCAL Program is by application.

Students undertake 3 days of learning at the College, and engage in a VET Course, often undertaken at a TAFE institution for one day a week. The final day of the program is spent on work placement, where students engage in a job related to their course and interests.

Skills and Interests Relevant to this Subject

Students must be self-directed and willing to engage in a variety of learning activities, both at school and off campus. Key skills needed are team work, interpersonal skills and a willingness to harness new experiences.

Specific Subject Information

Literacy: Students complete tasks in written and verbal form. They also study a variety of text types, to assist them in real world situations.

Personal Development Skills: Students work together on a variety of real world tasks from planning events to undertaking driving lessons. During these activities, they problem solve, work as a team and interact with the community.

Numeracy: Students undertake a variety of mathematical units. Where possible, the numeracy is project-related. Skills are also transferable to the work place and to TAFE courses.

Religious Education: Students complete an internal RE program, focusing on ethical thinking Tradition and Scripture.

Work Related Skills: Students are engaged with a variety of issues which impact on the work place. There is a particularly detailed focus on occupational health and safety issues which may occur in the work place.

VCE Unit 1 Outdoor Education: This subject focuses on the development of the basic skills and knowledge about outdoor education. There is an emphasis on camping and bike riding as part of the program.

Connections to Other Subjects

Successful completion of Year 11 VCAL provides a direct pathway into the Year 12 VCAL course.

Year 12 Senior VCAL

Pre-requisites: Students are required to have completed Year 11 VCAL or Year 11 VCE in order to undertake the Year 12 Course.

Students undertake 3 days of learning at the College, and engage in a VET Course, often undertaken at a TAFE institution for one day a week. The final day of the program is spent on work placement, where students engage in a job related to their course and interests.

Skills and Interests Relevant to this Subject

Students must be self-directed and willing to engage in a variety of learning activities, both at school and

off campus. Students must be able to work effectively with their peers.

Specific Subject Information

Literacy: Students complete tasks in written and verbal form. They also study a variety of text types, to assist them in real world situations. Students are expected to produce their own texts in a variety of forms to a high standard in order to be deemed competent.

Personal Development Skills: Students work together on a variety of real world tasks. During these activities, they problem solve, work as a team and interact with the community. At year 12, students are given greater scope to actually coordinate projects. For example, students work together to plan and then hold a disco for the Year 7 students.

Numeracy: Students undertake a variety of mathematical units. Where possible, the numeracy is project related. For example, the budgeting for the disco project would be completed as part of the numeracy course.

Religious Education: "Jesus, Life and Me"

This area of study provides Year 12 students with the opportunity to explore the life of Jesus and how this influences our own day to day lives. Students will engage in discussion on a variety of aspects. The Year 12 Retreat provides the foundation for the year's course of study.

Work Related Skills: Students are engaged with a variety of issues which impact on the work place. There is a particularly detailed focus on occupational health and safety issues which may occur in the work place. Students assess the Occupational Health and Safety Issues related to the VCAL project being undertaken.

VCE Outdoor Education Unit 2: Students continue to develop the skills required to undertake outdoor education activities. Students will mentor junior students and guide sports related or outdoor activities.

Connections to Other Subjects

Completion of Year 12 VCAL provides students with the opportunity to continue on with courses at higher certificate levels, entry to the work place or into an apprenticeship at the completion of Year 12.

THE ARTS

Year 11 Studio Arts (11STU)

You will develop an understanding of the stages of studio practice and learn how to explore, develop, refine, resolve and present artworks. You will use a visual diary to explore and develop ideas and you will create finished artworks in a selected art form. Whilst developing your own studio practice you will also study the studio practice of artists from different times and cultures.

In doing so, you will develop skills in analysing artworks, broadening your knowledge of art history and an understanding of art terminology. You will also be encouraged to visit a variety of exhibition spaces in order to examine how artworks are presented.

Year 12 Studio Arts (12STU)

You will implement an individual studio process which will lead to the development of potential directions and the completion of a cohesive folio of finished artworks. You will investigate the professional work practices and processes of artists from different historical and cultural contexts in relation to particular artworks and art forms. You will also visit current art exhibitions to explore the roles and methods involved in displaying artworks and issues relating to the conservation of artworks.

Skills and Interests Relevant to this Subject

Painting, illustration, drawing, photography, printmaking, ceramics, sculpture and design.

Connections to Other Subjects

Visual Communication and Design, Art, and Media.

Year 11 Drama (11DRA)

In Year 11 Drama, you will focus on creating characters for performance as well as developing narratives and stories. You will use expressive skills to develop and perform characters from different contexts, analyse the development and performance of characters, and evaluate ways in which characters are given form through a professional performance.

You will create and maintain visual diaries including journal keeping to research materials. You will create dramatic works through the use of a play script and/or stimulus material through ensemble work, and analyse the processes involved in creating ensemble works.

Year 12 Drama (12DRA)

You will develop and present characters within a non-naturalistic ensemble performance, analyse and evaluate the development and realisation of the ensemble performance and its characteristics, and analyse and evaluate a non-naturalistic performance selected from the prescribed play list. You will also develop and perform a solo work selected from the prescribed structure, and analyse the processes involved in the preparation and realisation of your solo work.

Throughout each creation process, you will create and maintain a visual diary that will document all draft works and stimulus materials.

Skills and Interests Relevant to this Subject

Performing, acting, reading, history, communication and oration.

Connections to Other Subjects

English, Literature, History, Dance, and Music.

Year 11 Media (11MED)

You will learn to describe and analyse the construction of specific media representations and explain how producers represent and recreate media using Still and Video cameras. You will produce, compare media and create representations and also discuss the creative and cultural implications of new media technologies.

You will learn to explain the media production process and demonstrate specialist skills within collaborative media productions, and discuss media industry issues and developments. You will also look at the characteristics of Australian Media organisations and discuss the social and industrial framework within which these organisations operate.

Year 12 Media (12MED)

You will learn to analyse the nature and function of production and story elements in narrative media texts and discuss the impact of these elements on audience engagement. You will use a range of technical equipment, applications and media process to present ideas, achieve effects and explore aesthetic qualities, and also prepare a production design plan. You will produce a media product for an identified audience, discuss, analyse social values represented by media texts, and analyse and present arguments about the nature and extent of media influence.

Skills and Interests Relevant to this Subject

Film, photography, television, current affairs, politics, journalism and communication.

Connections to Other Subjects

English, Literature, Business, Art, Visual Communication and Design, Music and Psychology.

Year 11 VCE VET Certificate III in Music (11VMUS)

The Certificate III in Music will provide you with Music Industry knowledge including the function of copyright. This course will develop your composition skills, your ability to stage a live event, your understanding of Music Industry practices, as well as giving you the knowledge to successfully navigate a recording studio and record your own music demo.

Skills and Interests Relevant to this Subject

Singing, playing an instrument, sound engineering, live sound production, music management, event promotions, song writing and performing.

Connections to Other Subjects

Business, Drama, VCE Music Performance, and Physics.

Year 12 VCE VET Certificate III in Music (12VMUS)

(You must have completed Year 11 VCE VET Certificate III in Music). Units 3 and 4 focus on your development as a performer. You will learn performance skills, develop technical skills on your chosen instrument, learn to improvise music and develop your understanding of stagecraft. This subject has a strong performance component and will assist you in developing a real sense of what it means to play as a band or as a soloist.

Skills and Interests Relevant to this Subject

Performing, playing in a band, composition, music promotions, playing an instrument.

Year 11 Visual Communication and Design (11VIS)

You will create drawings for different purposes using a range of drawing methods, media and materials. You will learn to select and apply design elements and use design principles to create visual communications that satisfy stated purposes, and describe how a visual communication has been influenced by past and contemporary practices. You will also use technical drawing conventions, manipulate type and images, and create a visual communication through engaging in the design process.

Year 12 Visual Communication and Design (12VIS)

You will use manual and ICT production systems to design a final presentation, analyse and evaluate the effectiveness of a range of visual communication pieces, and describe the roles of architects, engineers, fashion and advertising designers, and the practices they use to produce their work. You will also prepare a statement that describes a client's communication needs and prepare developmental work and final presentations to fulfil client needs through folio work.

Skills and Interests Relevant to this Subject

Architecture, engineering, illustration, graphic design, multimedia, industrial design, cartography, advertising, and fashion.

Connections to Other Subjects

Art, Media, Design and Technology-Textiles, ICT and Design and Technology-Wood.

Year 11 VCE VET Certificate II in Dance (11VDAN)

VET Dance is a vocational subject where you will undertake nationally recognised training. You will develop basic dance techniques and incorporate artistic expression into dance performances. You will explore possible pathways available in aspects of performing Arts.

Year 12 VCE VET Certificate II in Dance (12VDAN)

VET Dance is a vocational subject where you will undertake nationally recognised training. You will develop basic dance techniques and incorporate artistic expression into dance performances. You will explore possible pathways available in aspects of performing Arts.

Skills and Interests Relevant to this Subject

You will develop the skills and confidence to express your individual dance techniques. If you have an interest in Music, Drama and Physical Education, dance would be an appropriate choice.

Connections to Other Subjects

Health and Physical Education & The Arts.

VCE ENGLISH

English is a compulsory study throughout VCE.

You may choose to study VCE English or VCE Literature or both if you wish.

Year 11 English (11ENG)

Unit 1

English is a compulsory subject. The unit focus is on Response to Texts and Response to Arguments.

Unit 2

This unit is a compulsory study (unless the student studies Literature). The unit focus is on Comparing Texts and Analysing Persuasion.

Skills and Interests Relevant to this Subject

You bring your experience from Year 10 English and History, in particular, your skills of interpretation and analysis; your knowledge of media and current affairs; your interest in discussing and debating your opinions about issues and important events, and your experience as a viewer of multi-modal texts.

Connections to Other Subjects

English skills connect to all subjects because you use reading comprehension to make sense of texts both written and graphic. You use oral skills for discussion and presentations and you aim to write effectively in all subjects.

Year 11 Literature (11LIT)

11 Literature explores how writers respond to human experience, society and contemporary issues. A key concept running throughout Twentieth Century Literature is the development of the individualistic perspective which questions traditional gender and social roles. You will develop a deeper appreciation of writers' styles and how they use language to create vivid and compelling visions of meeting society's challenges.

Skills and Interests Relevant to this Subject

You bring your knowledge and skills from Year 10 English including: your ability to read and connect past events to current situations; your good reading and writing habits, and your appreciation of multimodal texts.

Connections to Other Subjects

Literature skills consolidate English skills and connect to all subjects because you use reading comprehension to make sense of texts- written and graphic. You use oral skills for discussion and presentations and you aim to write effectively in all subjects.

Year 12 English (12ENG)

Year 12 English includes two areas of study: 'Reading and Creating Texts' and 'Analysing Argument', which are designed to help you to develop a range of skills. These include: skills of analysis and interpretation in responding to texts; competence in creating written texts in response to a particular context, and understanding how authors make effective language choices.

Skills and Interests Relevant to this Subject

You bring your experience of Year 11 English, including: your good reading habits; your knowledge of media and current affairs and your experience as a viewer of multimodal texts.

Connections to Other Subjects

A study of English is integrally linked to other VCE subjects.

Year 12 Literature (12LIT)

Year 12 Literature explores writers' confrontations with the complex and confounding aspects of human nature. You will explore both utopian and dystopian visions of society as writers grapple with universal issues including war, justice and truth. The structure and symbolism of literary texts is a key aspect of the course as you learn to appreciate different forms of Literature and the various strategies writers utilise to create atmosphere and alter the nuances of their writing.

Unit 3: Focuses on Form and Transformations

Unit 4: Focuses on how texts are interpreted

Skills and Interests Relevant to this Subject

You bring your knowledge and skills from Year 11 English including: your ability to read and connect past events to current situations; your good reading and writing habits, and your interpretation of multi-modal texts.

Connections to Other Subjects

Literature skills consolidate English skills and connect to all subjects because you use reading analysis to make sense of texts -written and graphic. You use oral skills for discussion and presentations and you aim to write effectively in all subjects.

There is no prerequisite study, although a high grade in Year 11 VCE Literature or a high grade in Year 11 VCE English is recommended.

HEALTH AND PHYSICAL EDUCATION

Year 11 VCE Health and Human Development – Units 1 & 2 (11HDV)

Health and Human Development is specifically concerned with examining the factors that promote wellbeing in individuals, families and communities.

Skills and Interests Relevant to this Subject

As a part of Health and Human Development you will:

- Explore the changes that occur in peoples' health over time.
- Explain different types of health and development.
- Research the requirements for good health.
- Describe how Australians' health is affected by different activities.

Connections to Other Subjects

The VCE Health and Human Development Curriculum has links to:

- VCE Physical Education.
- VCE/VET Sport and Recreation.

Year 12 VCE Health and Human Development – Units 3 & 4 (12HDV)

Health and Human Development is specifically concerned with examining the factors that promote wellbeing in individuals, families and communities.

Skills and Interests Relevant to this Subject

As a part of Health and Human Development you will:

- Describe the importance of nutrition as a part of good health.
- Explore the nutrition status of Australians
- Compare health and development across different countries and cultures.

Connections to Other Subjects

The VCE Health and Human Development Curriculum has links to:

- VCE Physical Education
- VCE/VET Sport and Recreation

Year 11 VCE Physical Education – Units 1 & 2 (11PED)

VCE Physical Education examines the different influences on performance and participation in sport and physical activity.

Skills and Interests Relevant to this Subject

As a part of VCE Physical Education you will:

- Participate in practical activities.
- Explore how the body moves.
- Research how movement in sport can be improved.
- Analyse how coaching affects performance.
- Measure your level of physical activity.

Connections to Other Subjects

The VCE Physical Education curriculum has links to:

- VCE/VET Sport and Recreation.
- VCE Health and Human Development.

Year 12 VCE Physical Education – Units 3 & 4 (12PED)

VCE Physical Education examines the different influences on performance and participation in sport and physical activity.

Skills and Interests Relevant to this Subject

As a part of VCE Physical Education you will:

- Participate in practical activities.
- Analyse how the body works during exercise.
- Explain why sportspeople get tired during an event.
- Explore how to improve sporting performance.

Connections to Other Subjects

The VCE Physical Education curriculum has links to:

- VCE/VET Sport and Recreation.
- VCE Health and Human Development.

Year 11 and Year 12 VCE / VET Sport and Recreation(11VSPR & 12VSPR)

VCE / VET Sport and Recreation is a two year course that allows you to develop work skills within the Sport and Recreation industry. This also contributes towards your ATAR.

Skills and Interests Relevant to this Subject

As a part of VCE / VET Sport and Recreation you will:

- Participate in practical activities.
- Investigate and undertake projects within a Sport and Recreation

- setting.
- Develop skills through active, hands – on learning.
- Gain nationally recognised qualifications.

Connections to Other Subjects

The VCE / VET Sport and Recreation curriculum has links to:

- VCE Physical Education.
- VCE Health and Human Development.



HUMANITIES

Year 11 Accounting (11 ACC)

In Unit 1, Accounting includes a study of how a small business operates. It also involves the students learning skills in how to collect, record and report accounting information for a small service business. In Unit 2, students develop skills in collecting, recording and reporting accounting information for small business that sells products. The students also learn how to analyse a small business's financial performance and provide advice on how the business can improve.

Skills and Interests Relevant to this Subject

You bring your experience from Year 10 Commerce explaining how a small business operates. Students may also develop their interests in how a small business can operate successfully in regards to its financial performance and to generate a profit.

Connections to Other Subjects

English skills are used in this subject because students are required to read and comprehend to make sense of business related case studies. You use mathematical skills and knowledge to record and calculate various forms of accounting and financial data.

strategies a business owner can use to improve the performance of the business.

Year 11 Business Management (11 BUS)

In Unit 1, students explore the factors affecting business ideas and the internal and external environments within which businesses operate, and the effect of these on planning a business. In Unit 2 students examine the legal requirements that must be satisfied to establish a business.

They investigate the essential features of effective marketing and consider the best way to meet the needs of the business in terms of staffing and financial record keeping. Throughout the entire study, students analyse various management practices in this area by applying this knowledge to contemporary business case studies from the past four years.

Skills and Interests Relevant to this Subject

You may bring your experience from Year 10 Commerce, your knowledge of media and current affairs and your interest in small business management and communication.

Connections to Other Subjects

English skills connect to this subject as you will use reading comprehension to make sense of business related case studies. You will also use oral skills for discussion and presentations and you aim to write effectively to explain and apply business management theory to simulated and real world situations.

Year 11 Economics (11 ECO)

Economics is interested in the way humans behave and the decisions made to meet the needs and wants of society. In Unit 1, students explore their role in the economy, how they interact with businesses and the way economic models have been developed to explain the causes and effects of human action. In Unit 2, students study contemporary economic issues happening in Australia and the wider world today.



They focus on the possible trade-off between the pursuit of growth in incomes and the goal of environmental sustainability and long-term economic prosperity. Students then explore how the benefits of economic growth are dispersed in an economy, and begin to appreciate that efforts to increase economic growth might lead to a less equitable distribution of income.

Skills and Interests Relevant to this Subject

Students develop an ability to identify, collect and process data from a range of sources. They use the inquiry process to plan economics investigations, analyse data and form conclusions supported by evidence. They also use economic reasoning, including cost-benefit analysis, to solve economic problems, which assist them in understanding the economy, society and environment, and to verify values and attitudes about issues affecting the economy, society and environment. Students need strong analytical skills to understand complex issues.

Connections to Other Subjects

English skills connect to this subject as you will use reading comprehension to make sense of economic case studies. You will also use oral skills for discussion and presentations. You aim to write effectively to explain and apply economic theory to simulated and real world situations.

Year 11 Geography (11 GEO)

In Unit 1 Geography, students undertake an overview of hazards before investigating two contrasting types of hazards and the responses to them by people. In Unit 2, students investigate the characteristics of tourism, with particular emphasis on where it has developed, its various forms, how it has changed and continues to change and its impacts on people, places and environments.

Skills and Interests Relevant to this Subject

Geography aims to develop your ability to see meaning in the arrangement of natural and human phenomena in space; to see and understand the interrelationships between people, places and environments; and to use geographic skills and apply spatial perspectives to describe and interpret patterns on the surface of the Earth and the processes that created them.

Connections to Other Subjects

Geography is connected to a range of subjects and you will use your English skills to write, analyse and interpret information both in text, graph and map formats.

Year 11 Global Politics

On completion of this unit the student should be able to identify and explain key ideas relating to the exercise of political power, and analyse and evaluate different approaches to governmental power by comparing Australian democracy with a non-democratic political system. Students investigate case studies of political parties, interest groups and media issues to analyse the importance of these forms of participation in the Australian political system.

Skills and Interests Relevant to this Subject

You bring your experience from previous humanities studies, your good reading habits, your knowledge of media and current affairs and your interest in key historical events and figures.

Connections to Other Subjects

History skills connect to the studies of English and Literature as they help in developing an understanding of the context of the novels and films studied. The research skills that are used will assist in any VCE studies. The analysis of films and images would also connect well to Media and Art.

History: 20th Century (11 HIS)

The study of 20th Century History includes the studying of six areas over the year. In the first semester we cover the Russian Revolution, the end of WW1 and the Peace Treaties and Nazis Germany. In the second semester we cover the Cold War (America and Russia post-1945), with a focus on the Vietnam War and Anti - Vietnam War Protest.

Skills and Interests Relevant to this Subject

You bring your experience from previous Humanities studies, your good reading habits, your knowledge of media and current affairs and your interest in key historical events and figures.

Connections to Other Subjects

Global Politics connect to the studies of other Humanities subjects. The research skills that are used will assist in any VCE studies.

Year 11 Legal Studies (11 LEG)

In Unit 1, Legal Studies includes the introduction and study of the law and how it influences all aspects of society. Students examine the need for the laws in society. You also investigate the key features of criminal law, how it is enforced and adjudicated and possible outcomes and impacts of crime. In Unit 2, students will investigate civil law and how it regulates the rights and responsibilities that exist between individuals, groups and organisations. Also students will study the rights that are protected by civil law. You will investigate types of civil laws and related cases to develop an appreciation of its role.

Skills and Interests Relevant to this Subject

You may bring your experience from Year 10 Commerce, your knowledge of media and current affairs and your interest in the Australian legal system and the law making process.

Connections to Other Subjects

English skills connect to this subject as you will use reading comprehension to make sense of legal case studies relevant to different areas of the course. You will also use oral skills for discussion and group presentations. You must aim to write effectively and apply Australian legal theory and legal cases within your responses.

Year 12 Accounting (12 ACC)

In Unit 3, Accounting includes learning how to collect, record and report data for a small trading firm using the double-entry system of accounting. They also use MS Excel to record and report transactions for a small business. In Unit 4, students investigate the role and importance of budgeting for a business. Students also interpret accounting information from accounting reports and graphs, and analyse the results to suggest

Skills and Interests Relevant to this Subject

You bring your experience from Year 11 Accounting to collect, record and report accounting data. Students may also develop their interests in how a small business can operate successfully in regards to its financial performance and to generate a profit effectively.

Year 12 Business Management (12 BUS)

In Unit 3, students examine the different types of businesses and their respective objectives. They consider corporate culture, management styles, management skills and the relationship between each of these. Students investigate strategies to manage both staff and business operations to meet objectives.

In Unit 4, students consider the importance of strategic management necessary to position a business for the future. Students study a theoretical model to undertake change, and consider a variety of strategies to manage change in the most efficient and effective way to improve business performance. They investigate the importance of leadership in change management. Throughout the entire study, students analyse various management practices in this area by applying this knowledge to contemporary business case studies from the past four years.

Skills and Interests Relevant to this Subject

You may bring your experience from Year 11 Business Management, your knowledge of media and current affairs and your interest in how large-scale organisations operate and the use of effective strategies to manage staff.

Connections to Other Subjects

English skills connect to this subject as you will use reading comprehension to make sense of business related case studies. You will also use oral skills for discussion and presentations and you aim to write effectively to explain and apply business management theory to simulated and real world situations.

Year 12 Economics (12 ECO)

In Unit 3, students investigate the role of the market in allocating resources and examine the factors that are likely to affect the price and quantity traded for a range of goods and services. They then investigate the factors that influence the level of aggregate demand and aggregate supply in the economy and use models to explain how changes in these variables might influence the achievement of the Australian Government's economic goals and affect living standards. Finally, students investigate the importance of international economic relationships in terms of their influence on Australia's living standards. In Unit 4, Students develop an understanding of how the Australian Government can influence the level of aggregate demand and supply, in the pursuit of domestic macroeconomic goals.

Skills and Interests Relevant to this Subject

You may bring your experience from Year 11 Economics, your knowledge of media and current affairs and your interest in why individuals and societies behave as they do. You will use economic reasoning, including cost-benefit analysis, to solve economic problems, which assists in understanding the economy, society and environment, and to verify values and attitudes about issues affecting the economy, society and environment.

Connections to Other Subjects

English skills connect to this subject as you will use reading comprehension to make sense of economic case studies. You will also use oral skills for discussion and presentations. You aim to write effectively to explain and apply economic theory to simulated and real world situations.

Year 12 Geography (12 GEO)

In Unit 3 students focus on two investigations of geographical change: change to land cover and change to land use. Land cover includes biomes such as forest, grassland, tundra and wetlands, as well as land covered by ice and water. In Unit 4, students investigate the geography of human populations. They explore the patterns of population change, movement and distribution.

Skills and Interests Relevant to this Subject

Geography aims to develop your ability to see meaning in the arrangement of natural and human phenomena in space; to see and understand the interrelationships between people, places and environments; and to use geographic skills and apply spatial perspectives to describe and interpret patterns on the surface of the Earth and the processes that created them

Connections to Other Subjects

Geography is connected to a range of subjects and you will use your English skills to write, analyse and interpret information both in text, graph and map formats.

Year 12 Global Politics

Australian Politics increases awareness of the nature of power and its influence. It allows students to become informed observers of, and active participants in, their political system. As students begin to think critically, they recognise that democratic ideals are often difficult to achieve in practice. Global Politics provides students with an insight into the political, social, cultural and economic forces that shape our rapidly changing world. Students develop a critical understanding of the world in which they live and of contemporary global issues. In doing so, students are provided with the opportunity to develop the awareness and the critical thinking skills that underpin active citizenship and an ability to more deeply appreciate and contextualise the global environment in which they live.

Skills and Interests Relevant to this Subject

You may bring your experience from Year 11 Global Politics, your knowledge of media and current affairs and your interest in International Relations.

Connections to Other Subjects

English skills connect to this subject as you will use reading comprehension to understand the reading materials.

Year 12 History: Revolutions (12 HIS)

The study of Revolutions includes the investigation of the Russian Revolution and the French Revolution. In both revolutions we look at the causes, the violence used to take and maintain power, the key figures and the societies that were created after these revolutions.

Skills and Interests Relevant to this Subject

You bring your experience from previous History studies, your good reading habits, your interest in key historical events and figures.

Connections to Other Subjects

History skills connect to the studies of English and Literature as they help in developing an understanding of the context of the novels / films studied. The research skills that are used will assist in any VCE studies. The analysis of films and images would also connect well to Media and Art.

Year 12 Legal Studies (12 LEG)

In Unit 3, Legal Studies includes the study of Australian legal institutions that determine our laws. Students also evaluate the effectiveness of law making bodies and examine the need for the law to keep up to date with changes in society. Students will investigate the role played in law making by the Commonwealth Constitution. In Unit 4, students will investigate the mechanisms by which legal cases (criminal and civil) are solved in a fair and just manner. Students will study the different dispute resolution bodies including courts and tribunals. Students also examine the institutions that adjudicate criminal and civil cases. They also develop an understanding of the Adversary system and the Jury system.

Skills and Interests Relevant to this Subject

You may bring your experience from Year 11 Legal Studies, your knowledge of media and current affairs and your interest in law making, Commonwealth Constitution and criminal and civil law cases. Students also develop an ability to identify, collect and process information from a range of sources and engage in its interpretation and analysis.

Connections to Other Subjects

English skills connect to this subject as you will use reading comprehension to make sense of Australian legal case studies. Students will also use oral skills for group discussion. You must aim to write effectively and apply Australian legal theory and legal cases within your responses.

LANGUAGES

Year 11 Italian: UNITS 1 & 2 (11ITA)

This year focuses on reinforcing and extending what you have learnt in the previous years. Continue to strengthen your listening, speaking, reading comprehension and writing ability.

Skills and Interests Relevant to this Subject

Practise talking in Italian for at least 10 minutes on the VCE required themes of school, family, leisure time, work and future aspirations. Expand your writing skills by writing up to 300 words. Fine-tune your listening and reading understanding skills including practising to write responses in English and Italian.

The study of a language attracts an added bonus in the VCE scaling formula. Extend what you have learnt and be part of our next Tour to Italy.

Connections to Other Subjects

Some examples of courses that will extend your language skills: Bachelor of Arts - Languages (Monash University, Clayton), Bachelor of Arts (University of Melbourne, Parkville), Commerce/Italian (Swinburne University, Hawthorn), Bachelor of Arts – International Studies (RMIT University), Graduate Diploma in Education & Interpreting and Translation.

It is a prerequisite subject which means it must be continuous. A satisfactory completion of Year 10 Italian is a prerequisite for Year 11 Italian (you must select both units 1 & 2).

Studying a language outside of St John's? You may study a language through the Victorian School of Languages (VSL) as an extra subject. You must inform the College of any external language Study.

Year 12 Italian: Units 3 & 4 (12ITA)

By now you will have dramatically improved your listening, speaking, reading comprehension and writing skills. Your confidence has grown steadily and you are gearing up for your final school year of SACs (3 in each Semester), oral exam (15 minutes) and end of year examination (two hours).

Skills and Interests Relevant to this Subject

You will participate in a persuasive role-play and research the stereotypical attitudes that exist between the north and south of Italy. Continue to perfect your conversation skills when practising the five crucial themes of school, family, leisure time, work and future aspirations. The study of a language attracts an added bonus in the VCE scaling formula!

Connections to Other Subjects

Some examples of courses that will extend your language skills: Bachelor of Arts - Languages (Monash University, Clayton), Bachelor of Arts (University of Melbourne, Parkville), Commerce/Italian (Swinburne University, Hawthorn), Bachelor of Arts – International Studies (RMIT University), Graduate Diploma in Education & Interpreting and Translation.

It is a prerequisite subject which means it must be continuous. A satisfactory completion of Year 11 Italian is a prerequisite for Year 12 Italian (you must select both units 3 & 4).

Studying a language outside of St John's? You may study a language through the Victorian School of Languages (VSL) as an extra subject. You must inform the College of any external language.

MATHEMATICS

Year 11 Foundation Mathematics (11FOM) Units 1 & 2

Foundation Mathematics provides for the continuing mathematical development of students needing skills to support their other VCE/VET studies.

This course is for students who do NOT intend to study Mathematics at Units 3 and 4.

Unit 1:

On the completion of this unit, the students should be able to:

- detect patterns in numbers.
- solve problems containing fractions, decimals and percentages.
- understand formulae and their use.
- handle data.
- understand information presented in visual form.
- make line, bar, and pie graphs.
- interpret graphs, charts and timetables.



Unit 2:

On the completion of this unit, the students should be able to:

- understand angles, symmetry and similarity.
- draw two and three-dimensional objects.
- use measurement and design.
- calculate quantities/weights/times.
- interpret financial information.

Skills and Interests Relevant to this Subject

In Foundation Mathematics there is a strong emphasis on using Mathematics in practical contexts relating to everyday life, recreation, work and study.

Connections to Other Subjects

The completion of Year 10 General Mathematics is a requirement to take this subject.

Students who take this subject will NOT be able to undertake VCE Mathematics in Year 12.

Year 11 General Mathematics (Standard) (11GMS) Units 1 & 2

General Mathematics Standard is designed for those students who want to extend their mathematical skills beyond Year 10. It provides a course of study for students who either intend to study Mathematics at Units 1 and 2 only, or intend to study Further Mathematics Units 3 and 4. Digital Technologies including the CAS calculator are used extensively to enhance students' learning in each topic.

Skills and Interests Relevant to this Subject

Mathematics is a universal part of human culture. It is the tool and language of commerce, engineering, physics, computing, biology and the list goes on. It helps us to recognise patterns and to understand the world around us.

Mathematics plays a role in many aspects of modern life, for example:

- predicting stock market prices

- modeling the spread of epidemics
- safeguarding credit card details on the internet
- space travel

Mathematics provides you with skills – problem solving, logical reasoning and flexible thinking

Connections to Other Subjects

Satisfactory completion of Year 10 General Maths Advanced or Year 10 General Maths Standard is required as a prerequisite for this course.



Year 11 Specialist Mathematics (11SPM) Units 1 & 2

Specialist Mathematics is a very challenging and interesting course designed for very able students who wish to explore more abstract mathematical concepts.

This subject must be accompanied by Mathematical Methods CAS Units 1 & 2. It is meant to provide both a broader and deeper coverage of Mathematics than Mathematical Methods CAS Units 1 & 2, and to develop mathematical maturity. It is aimed largely, but not entirely, at those students intending to take Specialist Mathematics Units 3 & 4 in Year 12. Students must have achieved outstanding results in Year 10 Mathematics Advanced and be recommended by a teacher in order to study this subject.

Skills and Interests Relevant to this Subject

Mathematics is a universal part of human culture. It is the tool and language of commerce, engineering, physics, computing, biology and the list goes on. It helps us to recognise patterns and to understand the world around us.

Mathematics plays a role in many aspects of modern life, for example:

- predicting stock market prices
- modeling the spread of epidemics
- safeguarding credit card details on the internet
- space travel

Mathematics provides you with skills – problem solving, logical reasoning and flexible thinking.

Connections to Other Subjects

This course is for very able students in Mathematics. A satisfactory completion of Year 10 Advanced Maths is a required prerequisite for this course.

Year 11 Mathematical Methods CAS (11 MMC) Units 1 & 2

Mathematical Methods is a course designed for students who are able to apply more abstract ideas in Mathematics. Students must have excellent mathematical skills if they wish to undertake this study.

Skills and Interests Relevant to this Subject

Mathematics is a universal part of human culture. It is the tool and language of commerce, engineering, physics, computing, biology and the list goes on. It helps us to recognise patterns and to understand the world around us.

Mathematics plays a role in many aspects of modern life, for example:

- predicting stock market prices
- modeling the spread of epidemics
- safeguarding credit card details on the internet
- space travel

Mathematics provides you with skills – problem solving, logical reasoning and flexible thinking.

Connections to Other Subjects

This course is designed for students who are able to apply more abstract ideas and have excellent skills in Mathematics.

A satisfactory completion of Year 10 Advanced Mathematics is a prerequisite for this subject.

Year 12 Further Mathematics (12 FMA) Units 3 & 4

Further Mathematics is a course designed for students who may need to use applications of Mathematics in future employment, study or personal life. It consists of a compulsory core area of study “Data Analysis” and three chosen Application Modules; Number Patterns, Matrices and Geometry and Trigonometry.

Digital technologies including the CAS Calculator are used extensively to enhance students’ learning in each topic.

Skills and Interests Relevant to this Subject

Mathematics is a universal part of human culture. It is the tool and language of commerce, engineering, physics, computing, biology and the list goes on. It helps us to recognise patterns and to understand the world around us.

Mathematics plays a role in many aspects of modern life, for example:

- predicting stock market prices
- modeling the spread of epidemics
- safeguarding credit card details on the internet
- space travel

Mathematics provides you with skills – problem solving, logical reasoning and flexible thinking.

Connections to Other Subjects

Satisfactory completion of either Units 1 and 2 General Maths Standard or Units 1 and 2 Mathematical Methods is a prerequisite of this course.

Year 12 Mathematical Methods : COMPUTER ALGEBRA SYSTEMS (CAS) (12MMC) Units 3 & 4

Mathematical Methods is a course designed for students who are able to apply more abstract ideas in Mathematics. Students will use Computer Algebra Systems technology (CAS) to assist in the development of mathematical ideas and concepts. Students must have achieved outstanding results in Year 10 Mathematics.

A satisfactory completion of Units 1 and 2 Mathematical Methods is a prerequisite for this course.

Skills and Interests Relevant to this Subject

Mathematics is a universal part of human culture. It is the tool and language of commerce, engineering, physics, computing, biology and the list goes on. It helps us to recognise patterns and to understand the world around us.

Mathematics plays a role in many aspects of modern life, for example:

- predicting stock market prices
- modeling the spread of epidemics
- safeguarding credit card details on the internet
- space travel

Mathematics provides you with skills – problem solving, logical reasoning and flexible thinking.

Connections to Other Subjects

This course is designed for students with very good Mathematical skills and who are able to apply more

abstract ideas.

Satisfactory completion of Units 1 and 2 Mathematics Methods is a required prerequisite of this course.

Year 12 Specialist Mathematics (12 SPM) Units 3 & 4

Specialist Mathematics Units 3 and 4 must be studied with Mathematical Methods CAS Units 3 and 4. Specialist Mathematics is a challenging course designed for students with outstanding skills and knowledge in Mathematics. These students will explore more abstract mathematical concepts in their studies.

Skills and Interests Relevant to this Subject

Mathematics is a universal part of human culture. It is the tool and language of commerce, engineering, physics, computing, biology and the list goes on. It helps us to recognize patterns and to understand the world around us.

Mathematics plays a role in many aspects of modern life, for example:

- predicting stock market prices.
- modeling the spread of epidemics.
- safeguarding credit card details on the internet.
- space travel.

Mathematics provides you with skills – problem solving, logical reasoning and flexible thinking.

Connections to Other Subjects

This course is designed for students with excellent Mathematical skills.

Satisfactory completion of Units 1 and 2 General Mathematics Advanced is a required prerequisite of this course.

RELIGIOUS EDUCATION

Year 11 Religion and Society Units 1 and 2 (11RAS)

In this unit students explore the origins of religions and the role of religions in the development of society, identifying the nature and purpose of religion over time. They investigate the contribution of religion generally to the development of human society. They also focus on the role of religious traditions over time in shaping personal and group identity.

Students examine how individuals, groups and new ideas have affected and continue to affect religious traditions. The unit provides an opportunity for students to understand the often complex relationships that exist between individuals, groups, new ideas and religious traditions broadly and in the Australian society in which they live. Students study in detail various methods of ethical decision-making in at least two religious traditions and their related philosophical traditions. They explore ethical issues in societies where multiple worldviews coexist, in the light of these investigations.

Skills and Interests Relevant to this Subject

If you enjoy religious studies, reading, discussing, studying other religious traditions and engaging with the great questions of life then you would be suited to this course of study.

Connections to Other Subjects

If you have already completed Religion and Society Unit 1 then you will have a good foundation upon which to build.

Year 11 Texts and Traditions Units 1 and 2 (11TAT)

This unit examines the relationship between scriptural texts and themes such as justice, racism and gender roles. Specific sacred texts are studied, such as the Book of Ruth and the Book of Exodus, in order to examine the historical context of the texts and to understand the religious and social authority that each text has.

The final area of study compares the sacred text of Islam, the Quran, with the Christian scriptures in relation to attitudes and values of people living today.

Skills and Interests Relevant to this Subject

If you enjoy religious studies, reading, social issues, history, geography and literary analysis, then Texts and Traditions would be ideal for you.

Connections to Other Subjects

If you have already completed Texts and Traditions Unit 1 then you will have a good foundation upon which to build.

Year 12 Religion and Society Units 3 and 4 (12RAS)

In this unit students study the purposes of religion generally and then consider the religious beliefs developed by one or more than one religious tradition or denomination in response to the big questions of life. Students study how particular beliefs within one or more than one religious tradition or denomination may be expressed through the other aspects of religion, and explore how this is intended to foster meaning for adherents.

Students then consider the interaction between significant life experience and religion. Religious tradition/s or denomination/s are to be selected from one or more than one of the following religious traditions:

Buddhism, Christianity, Hinduism, Islam, Judaism.

Religion and Society Unit 4: Religion, challenge and change

In this unit students explore challenge for religious traditions generally over time and then undertake a study of challenge and change for one or more than one religious tradition or denomination. Religious tradition/s or denomination/s are to be selected from one or more than one of the following: Buddhism, Christianity, Hinduism, Islam, Judaism.

Skills and Interests Relevant to this Subject

If you enjoy religious studies, reading, discussing, studying other religious traditions and engaging with the great questions of life then you would be suited to this course of study.

Connections to Other Subjects

If you have already completed Religion and Society Unit 1 then you will have a good foundation upon which to build.

Year 12 Texts and Traditions Units 3 and 4 (12TAT)

This area of study examines the origin, early development and theology of the Gospel of Luke. Unit 3 focuses on the social, historical and cultural background of First Century Palestine. A study of the literary structure of Luke's Gospel and major themes is also undertaken, along with an introduction to interpreting passages for special study (exegesis).

Unit 4 builds upon the skill of interpretation of passages for special study (exegesis), culminating in an analysis of a significant religious idea, belief or social theme and how it has been interpreted at a later stage.

Skills and Interests Relevant to this Subject

If you enjoy religious studies, reading, history, geography and literary analysis, then Texts and Traditions would be ideal for you.

Connections to Other Subjects

If you have already completed Texts and Traditions Units 1 and 2 then you will have a good foundation upon which to build.

Year 11 CYSMA Project (11CYSMA)

Students investigate and then engage in Youth ministry as a personal approach to spirituality and Catholic faith. A retreat occurs to initially introduce students to ministry. They analyse the leadership of Jesus, and reflect upon their personal qualities and capacity to lead. They will engage in a youth project to enact their youth ministry.

Year 12 Religion Non-VCE "Jesus, Life and Me"

This area of study provides Year 12 students with the opportunity to explore the life of Jesus and how this influences our own day to day lives. Students will engage in discussion on a variety of aspects. The Year 12 Retreat provides the foundation for the year's course of study.

Skills and Interests Relevant to this Subject

If you enjoy religious studies and discussing the bigger questions religion raises then this subject is for you.

Connections to Other Subjects

No pre-requisites are required.

SCIENCE

Year 11 Biology Unit 1 and 2 (11BIO)

Unit 1 Biology will have students investigate how organisms function at a cellular and system level, and how organisms manage to survive in their environment. Unit 2 covers the topics of reproduction and genetics. Both Unit 1 and 2 require students to complete a major investigation on topics related to survival and genetics.

Skills and Interests Relevant to this Subject

Students who have a keen interest in the workings of the human body, how animals interact with each other and the environment and the intricacies of the tough Australian environment should do this topic.

Connections to Other Subjects

It is recommended that students have completed Unit 1&2 Biology before undertaking Unit 3&4 Biology.

Year 12 Biology Unit 3 and 4 (12BIO)**Unit 3 How Do Cells Maintain Life**

Unit 3 Biology will explore cellular structure and function, how cells communicate with each other and how an organism recognises and responds to the threat of disease.

Unit 4 How Does Life Change and Respond to Challenges Over Time.

Unit 4 explores how species are related and how humans impact on biological processes by using DNA manipulation techniques and rational drug design.

Students will be required to complete an investigation related to topics covered in either Unit 3 or 4.

Skills and Interests Relevant to this Subject

This subject will appeal to students interested in understanding how the body works and exploring evolution. Biology also requires students to develop an extensive familiarity with scientific terms. Students who choose this subject will be required to develop and maintain a detailed glossary throughout the course.

Connections to Other Subjects

Students intending to undertake Units 3&4 Biology should have completed Units 1&2 Biology. Biology is a subject that can lead students into many exciting directions due to ever expanding fields of biomedicine, bioengineering and biochemistry. These are in addition to traditional professions such as medicine, nursing and ecology.

Year 11 Chemistry Unit 1 and 2 (11CHE)

Unit 1, 'How can the diversity of materials be explained?' explores and explains the relationship between the properties, structure and bonding within a range of materials including metals and salts to polymers and nanomaterials. Unit 2, 'What makes water such a unique chemical?' investigates the physical and chemical properties of water, the reactions that occur in water and various methods of water analysis.

Skills and Interests Relevant to this Subject

This subject will appeal to students who are curious about the world in which they live and seek to understand more about the things around them at a molecular level. They will learn how evidence is used to develop chemical knowledge, to conduct investigations into various topics and to represent chemical phenomena using chemistry terminology.

Connections to Other Subjects

Chemistry is a central science with links to physics, biology and maths. Students should be proficient in Year 10 Mathematics, Year 10 General Science and Year 10 Working Scientifically. Chemistry can lead to future studies in medicine, nursing, pharmacy, forensic chemistry, sports science, dietetics, engineering, horticulture and many more.

Year 12 Chemistry Unit 3 and 4 (12CHE)

In Unit 3, students explore energy options and the chemical production of materials with reference to efficiencies, renewability and the minimisation of their impact on the environment.

In Unit 4, students investigate the structural features, bonding, typical reactions and uses of the major families of organic compounds including those found in food.

Skills and Interests Relevant to this Subject

Units 3 and 4 Chemistry will appeal to students interested in applying the skills learned in year 11 Chemistry to real world situations. Laboratory, problem-solving and report writing techniques are also further developed. Students gain skill in writing chemical formulas and equations to explain data collected from experiments.

Connections to Other Subjects

Unit 3 Chemistry must be undertaken prior to unit 4 Chemistry. A background in chemistry is useful in many career fields such as health, the environment, industry, agriculture, science and technology, education.

Year 11 Physics Unit 1 and 2 (11PHY)

As most of modern technology involves Physics, the following questions are attempted to be answered in Unit 1 and 2 Physics to explain physical phenomena. What ideas explain the physical world? How can thermal effects be explained? How do electric circuits work? What is matter and how is it formed? What do experiments reveal about the physical world? How can motion be described and explained? How do fields explain motion and electricity? How can two contradictory models explain both light and matter?

Skills and Interests Relevant to this Subject

Students learn various methods of answering scientific questions by focusing on organising data, looking for patterns and applying information to complex situations. These skills lead to students developing a general knowledge of how to tackle scientific and in particular, physics problems and applying logical reasoning to arrive at solutions. Physics also requires students to develop higher level thinking. A good level of mathematics is required. More general skills require students to pay attention in class, take notes, review and summarize notes, practice problem solving and communicate well.

Connections to Other Subjects

Students should have successfully completed Year 10 Mathematics, Year 10 General Science and Year 10 Working Scientifically. Undertaking Units 1 and 2 Physics is strongly recommended for students wishing to continue with Units 3 and 4 Physics. Studying Physics is an important first step in jobs where technology is used, such as engineering, computers, medical technology and many more.

Year 12 Physics Unit 3 and 4 (12PHY)

Unit 3: How do fields explain motion and electricity?

In this unit students explore the importance of energy in explaining and describing the physical world. They explore the interactions, effects and applications of gravitational, electric and magnetic fields. Students use Newton's laws to investigate motion in one and two dimensions, and are introduced to Einstein's theories to explain the motion of very fast objects.

Unit 4: How can two contradictory models explain both light and matter?

In this unit students explore the use of wave and particle theories to model the properties of light and matter. They examine how the concept of the wave is used to explain the nature of light and explore its limitations in describing light behaviour. Students further investigate light by using a particle model to explain its behaviour. A wave model is also used to explain the behaviour of matter which enables students to consider the relationship between light and matter.

Students design and undertake investigations involving at least two continuous independent variables. The student-designed practical investigation related to waves, fields or motion is presented in a scientific poster.

Skills and Interests Relevant to this Subject

Physics is the study of the physical nature of the universe and understanding how this applies to everyday phenomenon. The knowledge gained by studying physics will enhance a student's ability to be innovative in analysing and solving problems and to make informed decisions which will affect the world around them.

Connections to Other Subjects

In order for students to select Units 3 and 4 they should have completed Units 1 and 2 as a prerequisite. Physics is a mathematical science and students entering this study are assumed to be proficient in Year 10 Working Scientifically and Year 10 Mathematics Advanced.

Year 11 Psychology Unit 1 and 2 (11PSY)

Unit 1 Psychology investigates how the brain functions. Students will also study what influences psychological development from various scientific perspectives and theories including moral and cognitive development. There is also a student-directed research investigation allowing the students to focus on an area of interest within the field of psychology.

Unit 2 Psychology focuses on how external factors influence behaviour and mental processes. Students explore how human perception of the world is experienced through both taste and vision and analyse the relationship between sensation and perception. Students will also analyse how people are influenced to behave in particular ways through a biological, psychological and social perspective.

Skills and Interests Relevant to this Subject

Students who have a keen interest in how the human body and brain work will enjoy this subject. Psychology involves reading and reflecting on case studies and theories so strong English skills are closely related to success in Psychology. Students should also be aware that this subject involves less practical and more theory based work than other science subject.

Connections to Other Subjects

Psychology is connected to other subjects as you develop many skills that are used across a variety of areas. These skills include analysing evidence, working in groups, comparing and contrasting opposing theories and ideas, oral presentations and independent research. These are skills relevant to all science subjects.

Year 12 Psychology Unit 3 and 4 (12PSY)

Unit 3 Psychology examines how the human nervous system influences behaviour and the way people experience the world. Key areas of study include memory, learning and the influence of psychological, biological and social factors.

In Unit 4, students explore consciousness, including sleep, altered states of consciousness and the various effects on mental processes and behaviours. Students also examine the continuum of mental health and apply the biopsychosocial framework to a range of disorders including phobias.

Skills and Interests Relevant to this Subject

Students who have a keen interest in how the human body and brain work will enjoy this subject. Psychology involves reading and reflecting on case studies and theories so strong English skills are closely related to success in Psychology. Students should also be aware that this subject involves less practical and more theory based work than other science subjects.

Connections to Other Subjects

Psychology is connected to other subjects as you develop many skills that are used across a variety of areas. These skills include analysing evidence, working in groups, comparing and contrasting opposing theories and ideas, oral presentations and independent research. These are skills relevant to all science subjects.

TECHNOLOGY

Year 11 Product Design and Technology - Wood (11DESW)

This course will give you an understanding of how timber and other materials are used by designers when making commercial products. In Units 1 and 2 you will work with teacher-directed design and production activities, while developing the skills you require to undertake a design folio. You will apply a range of communication and production techniques used by professional designers in creating a furniture piece for a client.

Year 12 Product Design and Technology - Wood (12DESW)

In Units 3 and 4 you will work with both teacher-directed and self-directed design activities while developing your design and production skills. You will initiate and undertake a substantial and demanding major design folio and apply a range of communication and production techniques used by professional designers in creating a furniture piece for a client.

Skills and Interests Relevant to this Subject

Problem solving skills you have developed through Design & Technology and Maths will help when constructing working models and production work. You will use the writing skills you have developed in English when completing analysis and evaluation reports. ICT skills are used when researching and annotating your folio of work.

Connections to Other Subjects

The skills you have developed in Design and Technology and Graphics will help when presenting a folio of ideas and working drawings. Basic maths will be used when measuring and marking-out your materials. You will use the writing skills you have developed in English presenting design briefs and evaluation reports. ICT skills are used when brainstorming ideas, researching and annotating your folio work.

Year 11 Product Design and Technology - Textiles (11DEST)

This course will give you an understanding of how fabric and other materials are used by designers when making fashion garments. In Units 1 and 2 you will work with teacher-directed design and production activities while developing the skills you require to undertake a design folio. You will apply a range of communication and production techniques used by professional designers when creating a fashion garment.

Year 12 Product Design and Technology - Textiles (12DEST)

In Units 3 and 4 you will work with both teacher-directed and self-directed design and production activities. You will also develop the skills required to undertake a substantial and demanding major design folio. You will apply a range of communication and production techniques used by professional designers in creating a fashion garment.

Skills and Interests Relevant to this Subject

An interest in knowing how to design and make garments for the fashion industry. An interest in developing folios of work based on designing and marketing fashion.

Connections to Other Subjects

The skills you have developed through your Design, Art and Graphics classes are used in this subject when presenting a folio of design of work. You will use basic maths measuring and marking-out fabrics. ICT skills are used when brainstorming design ideas, researching and annotating your folio of work.

Year 11 Food Studies (11FOO)

VCE Food Studies focuses on the importance of food in our daily lives.

In Units 1 and 2 you will be given the opportunity to design innovative food products and adapt them to suit particular needs and circumstances. You will analyse the human story of food production including nutrition, indigenous and global cultural influences. You will undertake substantial design tasks and production techniques to support a variety of food products in a safe and hygienic manner.

Year 12 Food Studies (12 FOO)

In Units 3 and 4 you are given the opportunity to explore the science of food: how it nourishes and sometimes harms our bodies. You will acquire the knowledge and skills of designing foods to meet the functional,

wastage, ethical and nutritional requirements while safely navigating contemporary issues of marketing, trends, fads and diets. You will initiate and undertake a substantial and demanding series of design tasks to create a variety of hygienic and innovative food products.

Skills and Interests Relevant to these Subjects

Bring an interest in food, nutrition and good health. Along with an interest in how informed choices when selecting, storing, purchasing, preparing and consuming foods can contribute to a healthy life style.

Connections to Other Subjects

Skills developed in Science and English will help you explain safe work practices when preparing food and reporting on the physical, sensory and functional properties of key foods. Skills in Design Food will help when determining measurements and cost of materials used for production work.

Year 11 Applied Computing (11ITC)

In Unit 1 students are introduced to the stages of the problem-solving methodology. Students focus on how data can be used within the software tools such as databases and spreadsheets to create data visualisations, and the use of programming languages to develop working software solutions. In Unit 2, students focus on developing innovative solutions to needs or opportunities that they have identified, and propose strategies for reducing security risks to data and information in a networked environment.

Students are required to both study and use: database software, spreadsheet software and data visualisation software, an appropriate programming language, any software tools used to create an innovative solution, a software tool to represent a network.

Skills and Interests Relevant to this Subject

An interest in creating digital solutions that meet specific needs using strategies and techniques for managing information systems in a range of contexts.

Connections to Other Subjects

Problem solving skills you have developed in year 10 IT, maths and science will help you develop IT models. You will use the writing skills you have developed in English when completing analysis and evaluation reports.

Year 12 Software Development (12ITS)

It is expected that any student enrolled in Units 3 and 4 Software Development would have successfully completed Units 1 and 2 Applied Computing. In Unit 3, students apply the problem solving methodology to develop working software modules using a programming language. Students develop an understanding of the analysis, design and development stages of the problem solving methodology.

In Unit 4, student focus on how the information needs of individuals and organisations are met through the creation of software solutions. They consider the risks to software and data during the software development process, as well as throughout the use of the software solution by an organisation.

Students are required to use an appropriate programming language, Unified Modelling Language (UML) and UML tools to create use cases.

Skills and Interests Relevant to this Subject

An interest in acquiring the knowledge and skills needed to create digital solutions efficiently and effectively, as part of a network or individually.

Connections to Other Subjects

Problem solving skills you have developed in Year 10 IT, maths and science will help you develop IT models. You will use the writing skills you have developed in English when completing analysis and evaluation reports.

Year 12 Data Analytics (12)

It is expected that any student enrolled in Units 3 and 4 Data Analytics would have successfully completed Units 1 and 2 Applied Computing. In Unit 3, students apply the problem solving methodology to identify and extract data through the use of software tools such as database, spreadsheet and data visualisation software to create data visualisations or infographics. Students develop an understanding of the analysis, design and development stages of the problem solving methodology.

In Unit 4, students focus on determining the findings of a research question by developing infographics or dynamic data visualisations based on large complex data sets and on the security strategies used by an organisation to protect data and information from threats.

Students are required to both study, and use, database software, spreadsheet software and data visualisation software, and at least one data manipulation tool and visualisation tool for planning a project.

Skills and Interests Relevant to this Subject

An interest in problem solving that incorporates computational, design and systems thinking and developing an awareness of the technical and societal implications of digital systems.

Connections to Other Subjects

Problem solving skills you have developed in 10 IT, maths and science will help you develop IT models. You will use the writing skills you have developed in English when completing analysis and evaluation reports.

Year 11 Systems Engineering - Electronics (11SYS)

Technological systems increasingly control many aspects of life in the 21st Century. In Units 1 and 2 you will have the opportunity to develop capabilities in the design, operation, construction, assembly and evaluation of electronic and robotic systems. You will gain awareness and understanding of the interactions of these systems with human society and natural ecosystems.

Year 12 Systems Engineering - Electronics (12SYS)

In Units 3 and 4 you will use control devices to design an integrated system that examines the relationship between technology and the natural environment. You will initiate and undertake a substantial and demanding major design folio and apply a range of electronic devices and production techniques used by systems engineers in creating an advanced electronic system.

Skills and Interests Relevant to this Subject

Previous experiences in Electronics are essential. In addition, bring a high level of interest in designing, operating, constructing, assembling and evaluating electronic and robotic systems.

Connections to Other Subjects

Problem solving skills you have developed in Design & Technology, Electronics, Maths and Science will help when constructing working models. You will use the writing skills you have developed in English when completing analysis and evaluation reports. ICT skills are used when researching and annotating your folio of work.

Year 11 and Year 12 Hospitality (VET) - A Nationally Recognised VET in the VCE Qualification

St Johns Hospitality centre incorporating both Graduates' Restaurant and Five Loaves Patisserie offers students a range of pathways to select from:

Certificate II Kitchen Operations	Certificate II in Hospitality
Certificate III in Commercial Cookery	Certificate III in Hospitality
Certificate III in Patisserie	Certificate IV in Hospitality

These courses provide knowledge and skills in the use of a range of job functions within the hospitality

industry.

They include both theory and practical components with Assessment involving a combination of written assignments, practical tasks with demonstration. An examination is at the conclusion of the year 12 courses. All assessments are competency based and in accordance with current hospitality industry standards. Students must complete a minimum of 12 complete service periods of industry experience, enabling students to demonstrate their skills and apply their knowledge in a real work environment.

These courses are completed ***out of regular school hours***, in St Johns Graduates' Restaurant one evening per week. Attendance is Wednesday (VCE Unit 1 & 2) and Thursday (VCE Unit 3 & 4).

Skills and Interests Relevant to this Subject

You will be expected to have demonstrated an aptitude for and interest in gaining a nationally recognised credential and the prospect of future employment within in the hospitality industry. You will have an interest in learning the skills used in a range of job functions associated with the hospitality industry. There are no specific prerequisites for these courses.

Connections to Other Subjects:

Subjects that have helped you develop employability skills such as; communication, teamwork, problem solving, initiative and enterprise, planning and organising, self-management, learning and technology will be beneficial. These skills are embedded in all areas of training and assessment within these Certificate courses.

NOTES PAGE