



2021 YEAR 9 INFORMATION BOOKLET

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A VISION FOR ST PATRICK'S COLLEGE

EXCELLENCE
IN EDUCATION
FOR ALL
BOYS IN A
NURTURING
CATHOLIC
COMMUNITY
IN THE SPIRIT
OF EDMUND RICE.

The St Patrick's College Middle School aims to be a significant and positive experience in the life of the Year 9 boys in our care.

We acknowledge the special needs of adolescents and strive to provide opportunities for each student to become an independent and active learner through rich and innovative curriculum, a curriculum that awakens and stimulates the intelligence.

We aim to maintain and enhance student enthusiasm for learning by means of an open and user-friendly curriculum.

We foster the concept of a mental and physical new start and encourage student involvement whenever possible.

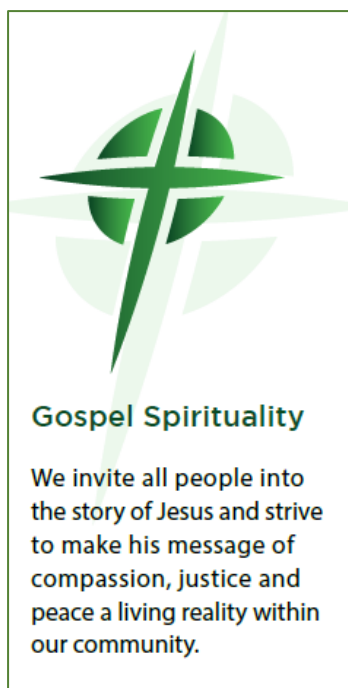
We are committed to the notion of a year filled with positive learning experiences. Our aim is to engage our students in such a way as to realise their academic and personal potential as they transition into the Senior School.

St Patrick's College and Edmund Rice Education

St Patrick's is proud to be a Catholic school in the tradition of Edmund Rice. In 1802, Edmund Rice commenced his first school for boys in Waterford, Ireland. Joined by men who became known as the Christian Brothers, Edmund extended his mission of providing education to poor youth throughout Ireland and beyond. From 1868, beginning under the inspirational leadership of Brother Ambrose Treacy, schools and orphanages were established throughout Australia and New Zealand. The Gospel-centred charism of Blessed Edmund has continued to inspire Christian Brothers and members of the Edmund Rice Network in their ministry.

Drawing on the Edmund Rice Education Australia (EREA) *Charter*, we aspire to be faithful to the four Touchstones - Gospel Spirituality, Liberating Education, Inclusive Community and Justice and Solidarity

Gospel Spirituality



By continuing to explore each student's relationship with God, the Middle School Program will deepen each boy's understanding of the life of Christ and through this come to know God's unconditional love for each of us.

For many boys, Year 9 marks that point when they become aware of the transition they are making from boy to young adult. The programs and experiences that underpin the Middle School Program allow each boy to ask and explore the answers to the question, "Who am I?" and to further recognise and consider the place of the 'other' in their lives.

Liberating Education

The teaching and learning structure and experiences that form the Middle School Program recognise that as educators we must come to know each boy at this point of time in his learning journey. With this knowledge, we aim to build a program that challenges and supports each boy's learning through dynamic and engaging curriculum based on authentic learning experiences.

To support Year 9 students with their transition to the Senior School, we also aim to challenge and extend each boy's thinking regarding his future pathways. Providing opportunities that let each student discover more about himself further informs this. Equally, we will challenge mediocrity from the boys by actively pursuing personal academic excellence.



Inclusive Community



Community Service and the Rite Journey are two important elements of the wider Middle School Pastoral Care Program that focuses specifically on enhancing each boy's understanding of his ability to bring about positive change in the world through action.

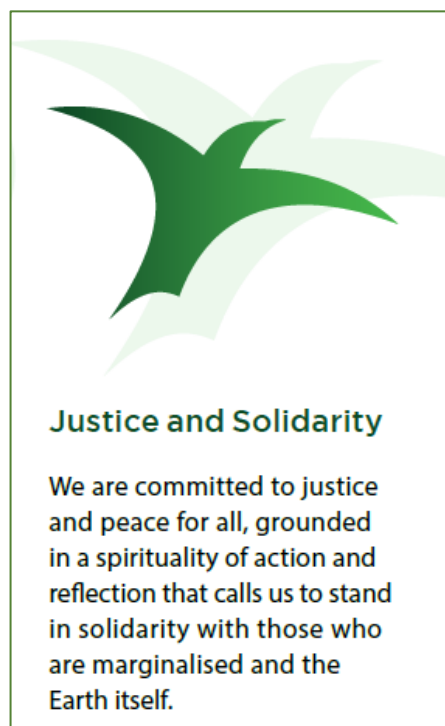
The Middle School Program also pays particular attention to furthering each boy's ability to respectfully communicate with those around him.

Justice and Solidarity

Classroom teaching and the broad range of learning experiences that form the Middle School have been developed with consideration of the importance of connectedness for adolescents. Throughout Year 9, the boys will explore and further their connectedness to their family, to their peers, to those who support their learning and to the wider community.

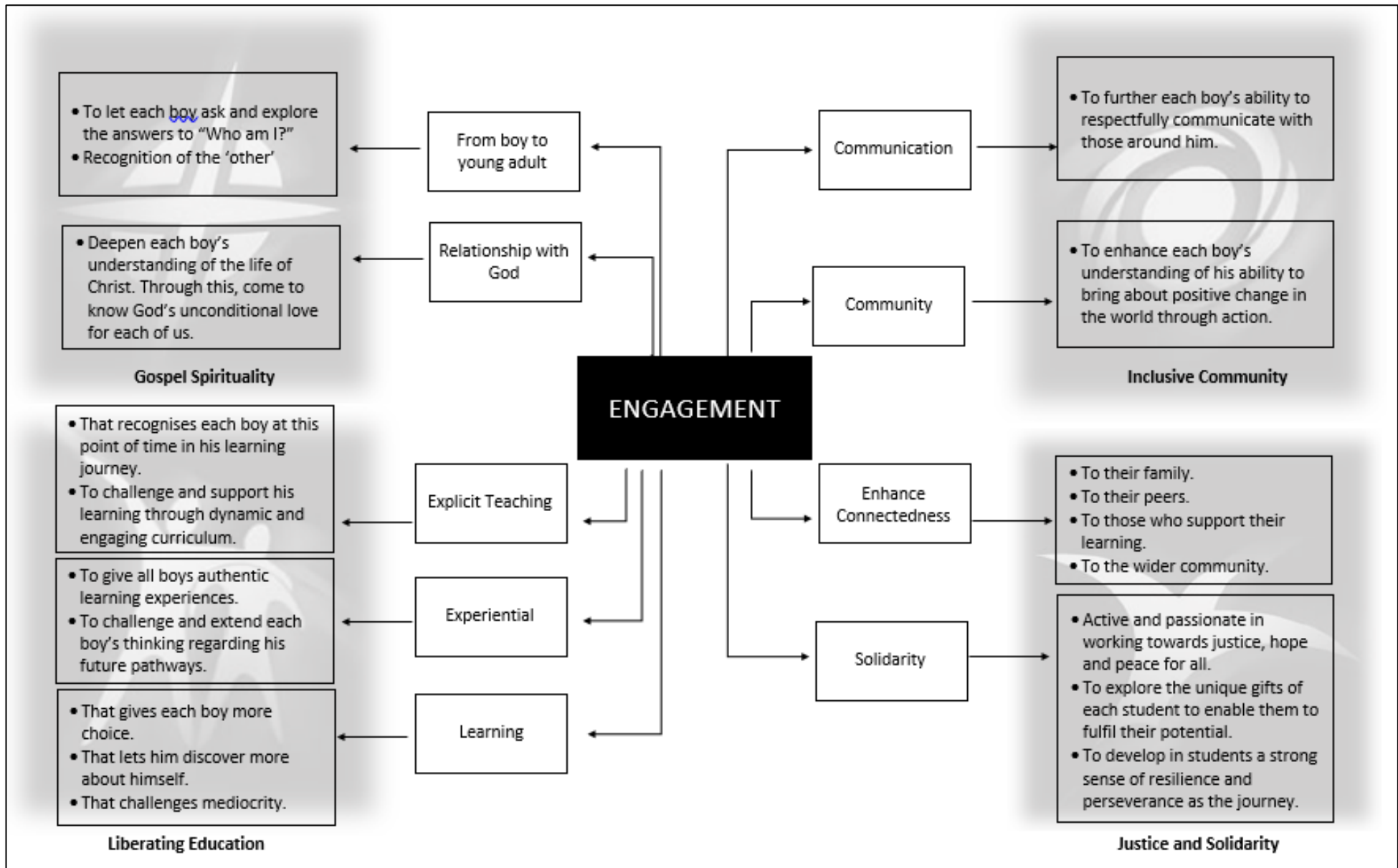
The Middle School Program also recognises the need for our boys to be young men who are active and passionate about working towards justice, hope and peace for all. Opportunities to explore the unique gifts of each student to enable them to fulfil their potential further supports this goal.

The Middle School Program operates as one year within a student's learning journey through St Patrick's. As such, Year 9 also aims to develop in students a strong sense of resilience and perseverance as they journey.



Informed by the Middle School Review

Through our recent review of the Middle School Program, students, parents and staff alike identified the common theme of 'Engagement' as the focus point for teaching and learning in Year 9. Having identified this theme, the College has developed an expanded vision for the Middle School Program (see following page).



Year 9 Program:

The Rite Journey

The Rite Journey is a year-long program delivering a comprehensive course of study to all Year 9 students. *The Rite Journey* is designed to support the development of adults as *self-aware, vital, responsible, respectful and resilient*. By raising each boy's consciousness about *transitioning from childhood to young adulthood*, and having conversations with them about what really matters, we assist in guiding each boy's journey into adulthood.

Community Service

No act of kindness is ever wasted. Aesop

Community service is when you work for free to the benefit of your community rather than yourself. In our modern world, we need to consider community service not only as a local opportunity but, one that has the potential to recognise and meet global needs.

The St Patrick's College Middle School Community Service Program has many positive effects on our students including helping them to develop their listening and communication skills, making contacts with members of the wider Ballarat community, and allowing students to support and further others in need. By engaging in community service, the Middle School Community Service Program will provide our students with the opportunity to become active members of their community and it will have a lasting, positive impact on society at large. Most notably, the Middle School Community Service Program will enable our students to acquire life skills and knowledge, as well as provide a service to those most in need.

Personal Development Benefits

One of the big ways that students will benefit from the Middle School Community Service Program is through their own **personal development**. This happens in a number of ways:

- **Psychological benefits:** Community service increases overall life satisfaction and helps you feel good about yourself because you are helping others. It can also help to decrease stress and further mental health.
- **Social benefits:** Community service engages students with the community, creates special bonds with the population being served, and increases social awareness and responsibility.
- **Cognitive benefits:** Community service helps students enhance their personal knowledge, grow from new experiences, and develop better interpersonal communication skills.
- Many students will learn about their **personal strengths and weaknesses**. When you're working on campaigns and projects and getting to see real-life results, you'll get to know how your personal attributes and actions can make a difference.

Many of these qualities are things that students can't get good feedback on in the classroom. For example, students may learn that they have excellent skills in coping with a crisis or other stressful situations or may learn that they find taking charge of a team to be a struggle. This kind of exposure to different situations can then teach students how to further develop skills that they have, and how to work on areas they struggle in.

In particular, students find that they are able to develop skills in **leadership, communication, working well with a team, and finding solutions for problems**.

Many students also find that community service makes them more aware of and interested in issues of **Social Justice**. Once people learn more about struggles and injustices that other groups of people face, they are more likely to want to actively take part in making a change in the policies and social structures that keep certain groups from succeeding.

Community Service also provides physical and mental rewards. It:

- **Reduces stress:** When you focus on someone other than yourself, it interrupts usual tension-producing patterns.
- **Makes you healthier:** Moods and emotions, like optimism, joy, and control over one's fate, strengthen the immune system.
- **It promotes personal growth and self-esteem.**
- **Understanding community needs helps foster empathy and self-efficacy.**

While performing community service, students will have the opportunity to see first-hand the impact of their work on the community. They get to interact with people who have vastly different backgrounds from their own and learn patience and empathy as they develop a local and possibly even a global perspective.

Community Benefits

The Middle School Community Service Program will allow students to become directly involved in their community. Quite possibly, some students do not realise how important volunteers are to the country and to many organisations. We need our students to understand that community service is a vital investment in our community and the people who live in it.

The knowledge that our students are making a real difference will also assist them on a more personal level. When students know their work is helping someone, they show increased rates of self-esteem. Furthermore, students who volunteer are more likely to become actively involved citizens who take a strong interest in current events and local affairs. The Middle School Community Service Program will strengthen our community.

Professional Benefits

Participating in community service not only makes a difference to the organisation and people being served, but also makes a difference to every student's career prospects.

People like to support community resources that they use themselves or that benefits people they care about. Participating in community service activities helps to enhance student resumes by allowing students to obtain work-related skills, builds good references for employers in regard to community involvement and provides a forum to network with future potential employers. It also helps students develop civic and social responsibility skills and become more aware of what their community needs. This is the very best opportunity to appreciate the concept **to give back**.

Volunteering is a great way to **explore different interests**.

Our Middle School students, whilst conducting community service will be provided with the opportunity to try different kinds of work and work environments that they otherwise would likely not be exposed to at such a young age.

The experiences that they gain will also **further their resume**. Many of the personal development benefits such as leadership skills and the ability to collaborate with a team, translate well to many future jobs and workplaces.

School Benefits

The Middle School Community Service Program is designed as an approach to education that aims to connect lessons learned in the classroom with real-life lessons learned through community service.

It is a practice that has become increasingly necessary because we understand this learning opportunity benefits both the students and our wider communities. It allows students to learn more about their personal motivations, practice academic material outside of the context of the classroom, develop critical thinking skills while solving real-world problems and to think about problems and social issues in new ways.

While completing community service projects, students develop real-world skills that will help them succeed in the Middle School and beyond. Our students will get the opportunity to develop skills in the following areas:

- Leadership
- Problem-solving
- Collaboration with others
- Time management
- Communication

Most importantly, students learn that the work they do can make a real impact in the world. When students get involved in community service, they not only help others, they expand their worldview, develop empathy and leadership skills, and realise how their actions can have a positive impact. They also return to the classroom realising how what they are learning applies to the real world, which reinvigorates their passion for learning on a daily basis.

That is why we believe community service is vitally important for our students. Not just for the positive impact they can make on the world but, for the positive impact community service will have on them as they undertake their Middle School Community Service Program experience.

Camps

As part of the Middle School Program, students participate in a number of experiences off campus.

Queenscliff Camp

Held in Term One, the primary purpose of this camp is to introduce the boys to The Rite Journey Program requiring them to establish trusting relationships and ground rules for their interactions. This camp enables boys to play a role as a participant, supporter and leader in activities such as snorkelling, surfing, hike, camping and a community task in the Queenscliff area.

Melbourne Experience

In Term Three the boys spend a week in Melbourne. Life skills are developed throughout the week with students learning how to navigate around Melbourne independently whilst collaborating as a team, cooperating with different people and taking responsibility for each other. Their classroom learning is extended through direct experiences of unique cultural sites around Melbourne.

Grampians Camp

The final camp in the Year 9 Program, this camp offers a number of challenging physical experiences including hiking, rock climbing, abseiling, high ropes and conservation work. As a conclusion to the Rite Journey, the program of challenge and adventure is aimed at meeting their personal level of development. The benefits of teamwork and being a member of a community are also explored.

Using this Booklet:

The remaining pages of this booklet give a brief overview of each Year 9 subject (both Core and Elective). Each includes the following information:

- Why study the subject
- The knowledge and skills a student will gain by studying the subject
- How the subject will be assessed
- Examples of the types of classroom activities the students will do in the subject
- Any other activities that are a part of subject (excursions etc.)
- Where to next? Suggested pathways into Senior School subjects.
- The time allocation and duration of the subject (semester-length or year-long)
- Who to ask (the name of the contact teacher(s) who acts as both student and parent contact person).

Making Choices

Please read through the subject information thoroughly. In the Elective section, consider which subjects are of particular interest. You will need to **rank** your elective choices when you submit your proposed subjects in web preferences.

Any other concerns you have regarding a particular subject can be addressed to the relevant subject teacher, the 'contact' teacher, or to the Director of the Middle School, Mr Michael Busscher, regarding any other Year 9 issues. For questions regarding the 2021 Year 9 Subject Selection process, please contact the Director of Teaching and Learning, Mrs Julia Petrov.

Subject Selection Submission

Web preferences

Students and their parents will submit their proposed 2021 Year 9 subjects into Web preferences. An email with a personalised link from noreply@selectmysubjects.com will be sent to Year 8 students. Please - don't delete it!

Students and their parents will choose the relevant Literacy Program and Elective subjects.

Please find instructions on how to submit subjects via web preferences on the [Year 9 Subject Selection webpage](#).

Contact Mr Ferguson, Director of Administration tferguson@stpats.vic.edu.au if you need help with submitting your web preferences or have lost the email from noreply@selectmysubjects.com.

Parents

Through PAM, you will receive an activity request about your son's 2021 Intentions and Subject Selections. Please complete this by Friday, September 4.

With your parents, enter your proposed 2021 subjects in Web preferences. Save the PDF receipt. You do not need to send this to us.

Year 9 Subject Offerings:

The Year 9 Program timetable is aligned with the Senior School. Broadly, the Year 9 program consists of **Core** subjects (compulsory for all), the **Literacy** program and **Elective** subjects.

Core Subjects

- Religious Education – 6 sessions per fortnight
- English – 10 sessions per fortnight
- Humanities – 10 sessions per fortnight
- Mathematics – 10 sessions per fortnight
- Science – 10 sessions per fortnight
- Physical Education – 4 sessions per fortnight
- Literacy Program – 8 sessions per fortnight
- Rite Journey - 2 sessions per fortnight
- Community Service - 2 sessions per fortnight
- Pastoral Care – 2 sessions per fortnight.

Literacy Program

Literacy with the option to study one of the following:

- Japanese (VET Certificate II in Applied Languages)
A continuation of the Year 8 Japanese program. (see page 22)
- Literacy Support
Literacy Support is a targeted intervention program designed to support boys who benefit from the teaching of explicit literacy skills. (see page 23)
- Literacy Development
Literacy Development provides the opportunity for boys to extend their knowledge and experience in a range of literacy genres that can be applied in other subject areas.
(see page 24)

Electives

The Year 9 elective offerings come from four disciplines – Computing, Health and Physical Education, Technology and The Arts. Each elective is allocated 8 sessions per fortnight. One subject is to be chosen for each semester from the list below: (Starting page 27)

- Art
- Computing
- Design Technology – Metal
- Design Technology – Wood
- Food Studies
- Health
- Media
- Music Performance
- Music Technology
- Systems Engineering
- Theatre Studies
- Visual Communication Design

Please note: each of the above electives run for one semester only. Students cannot repeat an elective subject.

It may not always be possible to give each boy his preferred elective choices. Student numbers, staffing, timetabling and facilities will all impact on the subjects which will run in 2021. The *2021 Year*

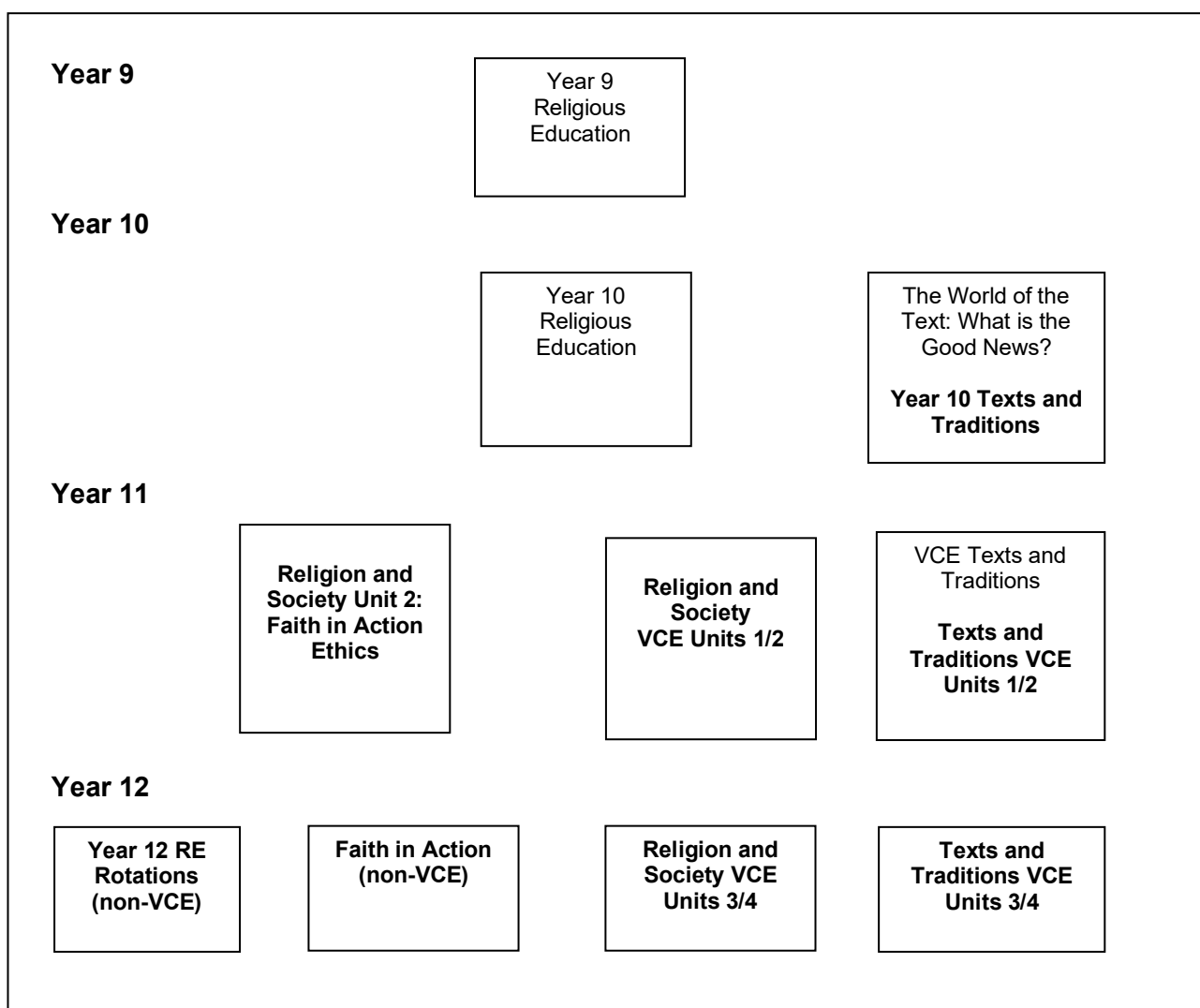
9 Subject Selection Guide requires students to choose reserve choices in case a student does not receive his first elective choice.

Year 9 Core Subjects:

Religious Education

Why do we study Religious Education?

St Patrick's College, a Catholic School, has at its core the desire to promote the growth of its students. Religious Education falls within this as it recognises that each of us has an infinite potential. We humans are curious beings, as we naturally desire to be more than what we are, to understand, to create, to be with the world. Our potential is tied to understanding the world around us, as well as how we relate to the world. Students in Religious Education explore spirituality, history, the modern world, and the bible. Within this is essential knowledge and understandings from Christ's teachings garnered from the Gospel's. Each unit is designed to help students to be the best they can be for themselves and for others.



What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- An understanding of Old and New Testament scripture.
- Details on the person of Jesus and his relationship to the world today.
- The role of challenge in the life of Christ and personally.
- How students can help bring about the Kingdom of God.

How will Religious Education be assessed?

Students will complete a series of formative and summative assessment tasks including tests, short answer, extended response, and essays.

Examples of the types of classroom activities you will be doing in Religious Education:

- Class Debates;
- Classroom Discussion;
- Film clips;
- Short answer questions; and
- Multimedia presentations.

Other activities that are a part of Year 9 Religious Education:

A full-day retreat exploring the issues of manhood and the choices we make.

Where to next?

Year 9 Religious Education leads to Year 10 Religious Education, with the option to study Texts and Traditions further. Year 11 students select from VCE Units 1-4 of Religion and Society, VCE Religion and Society Unit 2: Faith in Action, or VCE Units 1-4 of Texts and Traditions to meet their RE requirement. Year 12 students select from Faith in Action, Liturgical Music, VCE Units 3/4 of Religion and Society, VCE Units 3/4 of Texts and Traditions or Year 12 Religious Education (non-scored) to meet their RE requirement.

Time allocation:

Six sessions per fortnight for the whole year

Who to ask:

Your Year 8 Religious Education teacher or Mr Nathaniel Winfield (Head of Religious Education).

English

Why do we study English?

The Year 9 English course is designed to improve students' literacy skills and to stimulate their thinking about their world. As with all Year 9 subjects, English is taught according to the Victorian Curriculum F-10 which requires students to achieve a nominated level of proficiency in a range of skill areas that encompass Reading, Writing, Speaking and Listening.

Timetabling of Year 9 English

Year 9 students will study English in one of two class groupings that broadly aligns with each boy's level of literacy (based on his internal and external Year 7 and Year 8 literacy testing results). The **two ability-based classes** in Year 9 are **Foundation English** and **English**.

For students who require further intervention to address their literacy needs in addition to this, the **Literacy Support** program will be offered. Literacy Support runs in parallel with the **Foundation English** program, and aims to build the skills of students by targeted literacy instruction.

Please note: These class groupings are fluid: the progress of each boy is monitored on an ongoing basis, and so there is movement into and out of the various English classes based on each boy's point of need throughout the year.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- Writing - the ability to write for a range of audiences and purposes.
- Reading and Viewing - the opportunities to read, view, discuss and respond to a variety of texts.
- Listening and Speaking – the opportunity to listen to a range of spoken texts constructed for different purposes, present and discuss ideas.

How will English be assessed?

To achieve the learning outcomes in the above areas, students study a range of texts, analyse various aspects of the media and produce writing for a variety of purposes and audiences.

Examples of the types of classroom activities students will be doing in English:

As part of their English studies, students can expect a wide variety of teaching and learning activities that are centred around the areas of Reading and Viewing, Writing, Speaking and Listening. Students will be required to work on their own as well as in small groups. Students will also complete an end of semester exam.

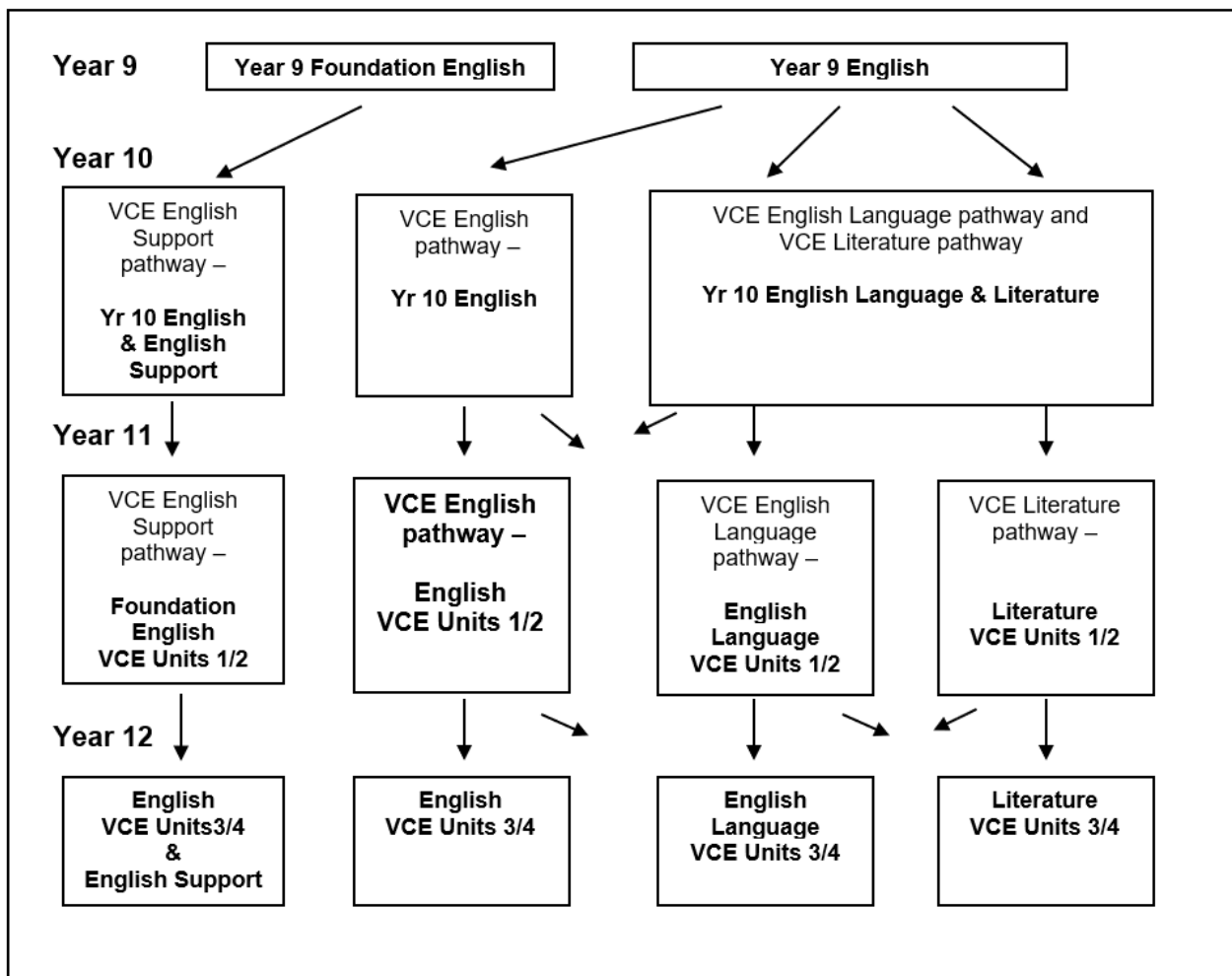
Other activities that are a part of Year 9 English:

Students will also continue their involvement in the Wide Interest Reading English Development (WIRED) program. The program aims to develop a reading culture among adolescent boys to improve their literacy comprehension strategies and engagement with texts. One English lesson per fortnight is jointly delivered by a Teacher Librarian and English teacher, with time spent discussing new books, favourite authors, genres and reading comprehension progress.

Where to next?

Year 9 English leads to Year 10 English, English Language and Literature or English Support. Year 11 students can select from VCE Units 1-4 English, VCE Units 1-4 English Language, VCE Units 1-4 Literature and/or VCE Units 1-2 Foundation English to meet their VCE English requirement. Please refer to the following suggested English pathways diagram for further information.

English Pathways:



Time allocation:

English and Foundation English: Ten sessions per fortnight.

Literacy Support: (An additional) eight sessions per fortnight.

Who to ask:

Your Year 8 English teacher or Mr Joseph Magee (Head of English).

Humanities

Why do we study Humanities?

Year 9 Humanities, which encompasses History, Economics and Geography, provides a framework for developing in students the key ideas and concepts that enable them to understand the way in which people and societies have organised their world under particular conditions and made meaning of it.

In Semester One, students will study several History units - The Industrial Revolution, World War I and Making a Nation depth studies. In Semester Two, students will complete an inquiry geography unit based Melbourne and one term of Economics (the political system and personal budgeting).

What knowledge and skills will you gain? Students investigate:

- The short and long-term impacts of the movement of people to Australia
- The impact of World War I, with a particular emphasis on Australia
- Key events and ideas in the development of Australian self-government and democracy
- An in-depth exploration of the city of Melbourne, focusing on an aspect of everyday life
- Development issues, including those for sustainable use and management of resources
- The economic consequences of proposed government policies
- The role and significance of savings and investment for individuals and for the economy.

Students develop skills to:

- Use chronological sequencing to demonstrate the relationship between events and developments in different periods and places
- Analyse and critically evaluate historical documents and economic data
- Create texts, particularly descriptions and discussions, that use evidence from a range of sources
- Plan and manage personal finances
- Research skills
- Produce maps that conform with geographic conventions
- Collect and collate information gathered from fieldwork observations and present their findings observing geographical presentation conventions.

How will Humanities be assessed?

- Research assignments
- Oral presentations
- Unit tests
- Mapping work
- End of semester exam

Examples of the types of classroom activities you will be doing in Humanities:

- Researching significant historical events in Australia
- Becoming familiar with geographical regions
- Presenting historical explanations with arguments based on evidence
- Interpreting reports about current economic conditions, both national and global.

Where to next?

Humanities leads to several core subjects in Year 10 with the option to study one of 20th Century History and History: Revolutions, Commerce or Political and Legal Studies.

Time allocation:

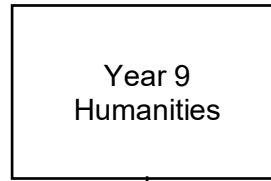
Ten sessions per fortnight for the whole year.

Who to ask:

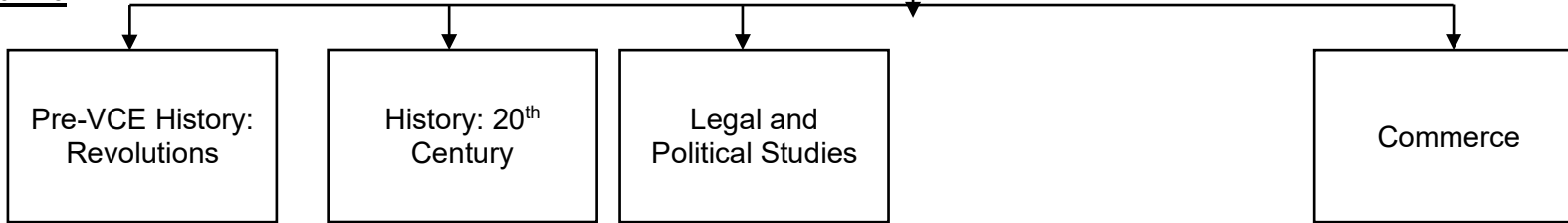
Your Year 8 Humanities teacher or Mr Matt Miller (Head of Humanities)

Humanities Pathways

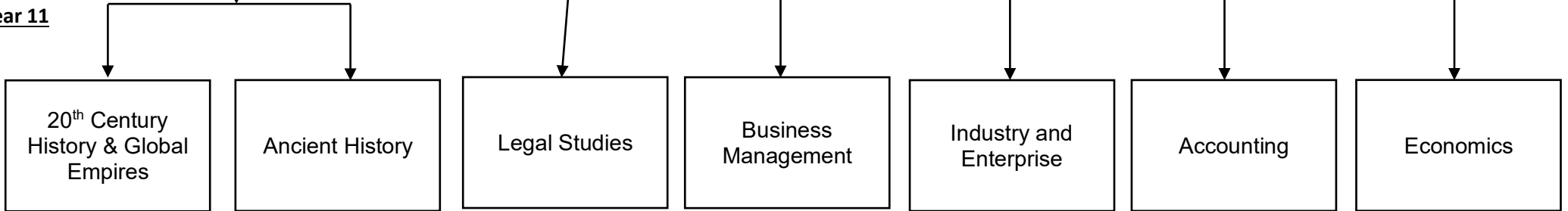
Year 9



Year 10



Year 11



Year 12



Recommended Pathway=



Mathematics

Why do we study Mathematics?

The study of mathematics is compulsory until the end of Year 10 as it is widely recognised by parents, schools and government bodies as an intrinsic part of any school education. Mathematics studies at St Patrick's are designed to provide access to worthwhile and challenging Mathematical learning in a way that takes into account the needs and aspirations of a wide range of boys.

The blocking of Year 9 Mathematics

Year 9 students will study Mathematics in one of three class groupings that broadly aligns with each boy's level of mathematical ability (based on his internal and external Year 7 and Year 8 numeracy testing results). The three ability-based classes in Year 9 are Foundation Mathematics, Pre-General Mathematics and Pre-Methods Mathematics.

Please note: Subject to further development in a student's level of numeracy and his mathematics testing results, he may be able to move between one ability-based class and another. This may however affect placements in other subjects, so care should be taken where possible to select the correct pathway.

What mathematics subjects are there?

Year 9 Mathematics is based on three pathways, each catering for a different level of mathematical ability:

- A pathway to VCE Foundation Mathematics
- A pathway to VCE General and Further Mathematics
- A pathway to VCE Mathematical Methods (and/or also Specialist Mathematics)

Year 9 students must be enrolled in at least one of the three core mathematics choices available:

• **YEAR 9 PRE-MATHEMATICAL METHODS**

Mathematical Methods is known as the "pure" mathematics. There is more focus on theory and the various methods that can be used to solve problems. The topics covered include a large focus on various algebra topics, as well as geometry, trigonometry, probability, measurement and some finance mathematics. Methods is often a prerequisite to university courses like Engineering, IT, Medicine etc.

- Students who study Pre-Mathematical Methods in Year 9 will have all mathematics options open to them in year 10.

• **YEAR 9 PRE-GENERAL MATHEMATICS**

General Mathematics continues to build upon the general maths skills that students have developed through years 7/8. The topics cover basic algebra and its applications, financial mathematics, geometry, measurement, graphing and analysis of statistics.

- General Mathematics is often the minimum level of mathematics required for many university courses and trades.
- Students studying Pre-General Mathematics will typically study Year 10 General Mathematics in year 10.

• **YEAR 9 FOUNDATION MATHEMATICS**

Foundation Mathematics follows the same course and topics as Pre-General mathematics however at a more basic level. This class is designed for students who find mathematics difficult and/or require extra support to help them achieve success. These classes are smaller and allow students to gain confidence in their mathematical ability.

- Students studying Year 9 Foundation Mathematics will then typically study Year 10 Foundation Mathematics which focuses on mathematics in the workplace and necessary mathematical life skills
- Please note: Should a student studying Foundation find the subject easy or achieve really good results, they can move up to Pre-General mathematics, however such a move should be made sooner rather than later.

What knowledge and skills will you gain?

Mathematics at Year 9 is designed to promote students' awareness of the importance of mathematics in everyday life in our increasingly technological society, and to give the boys confidence in making effective use of mathematical ideas, techniques and processes in all areas of their life.

How will Mathematics be assessed?

Student achievement in Year 9 Mathematics will be assessed through tests, projects and an exam at the end of each semester.

As already noted, students who have difficulties with mathematics at this level will be given the opportunity to study a modified Foundation Year 9 course. Students who have strengths in mathematics will be given the opportunity to study a more rigorous version of the Year 9 course.

Examples of the types of classroom activities you will be doing in Mathematics:

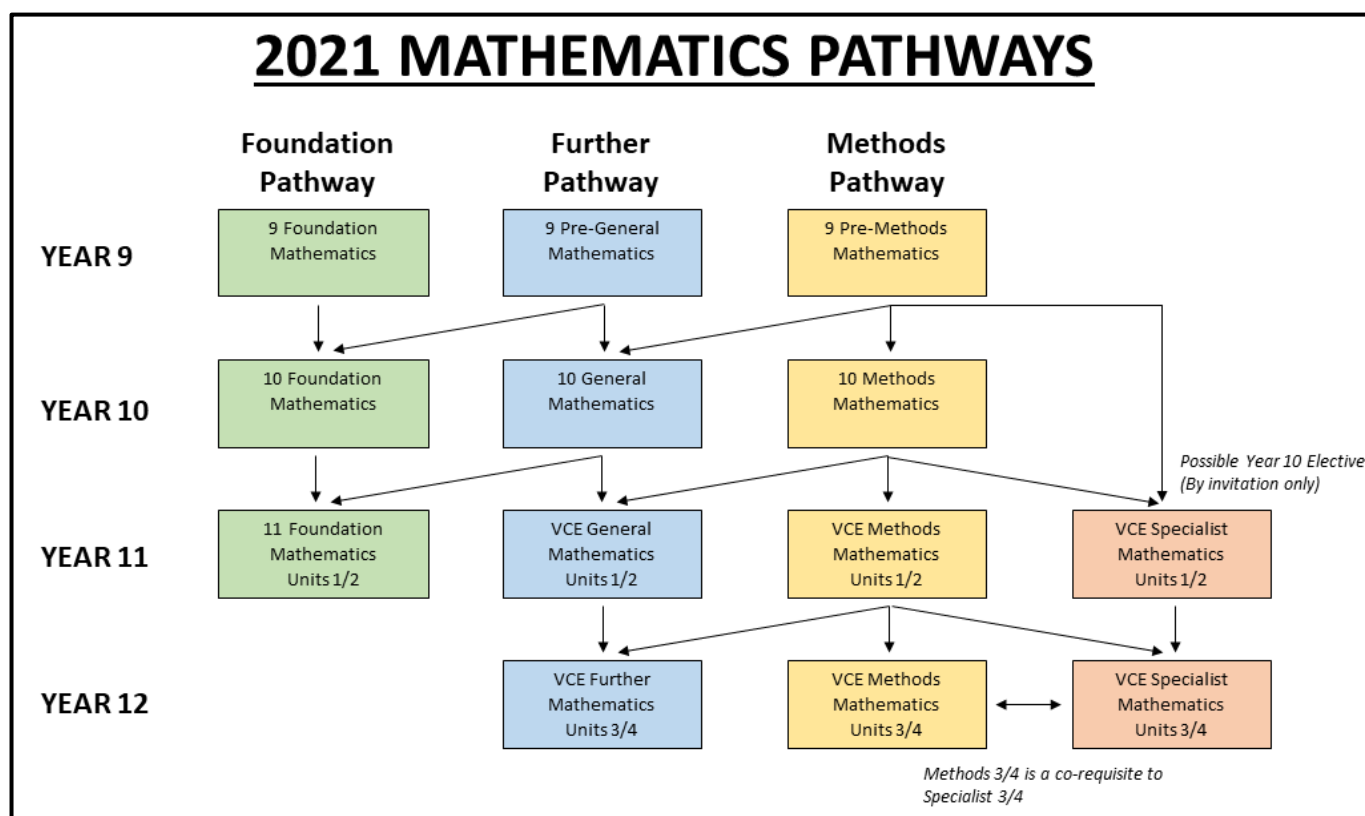
The majority of Mathematics classes will entail students listening to instruction from the teacher and practicing new work. At other times students will use technology, calculators and other devices, to enhance the understanding of the current topic. Students may also complete projects to further their understanding of a topic.

Other activities that are a part of Year 9 Mathematics:

Students will be given the opportunity to participate in competitions and mathematics extension topics.

Where to next?

Mathematics at St Patrick's uses an ability-based pathways model. The following highlights the various Mathematics pathways available to from Year 9 through to VCE Units 1-4 offerings.



Time allocation:

Ten sessions per fortnight for the whole year.

Who to ask:

Your Year 8 Mathematics teacher or Mr Luke Corden (Head of Mathematics).

Science

Why do we study Science?

Science is a dynamic, collaborative and creative human endeavour arising from our desire to make sense of our world through exploring the unknown, investigating universal mysteries, making predictions and solving problems.

Year 9 Science provides opportunities for students to develop an understanding of important science concepts and processes, the practices used to develop scientific knowledge, of science's contribution to our culture and society, and its applications in our lives. The curriculum supports students to develop the scientific knowledge, understandings and skills to make informed decisions about local, national and global issues.

What knowledge and skills will you gain?

Knowledge and skills students will gain in Science include:

- Describe how electricity works in terms of electron flow
- Analyse the evidence used to support Alfred Wegener's theory of continental drift and how it contributes to plate tectonics
- Describe how radiation is emitted from radioisotopes and various method for use
- Understanding that chemical reactions involve rearranging atoms to form new substances
- Understand how our bodies provide messages via hormones and the nervous system
- Describe the relationships between the living and non-living parts of an ecosystem

How will Science be assessed?

- Research assignments
- Oral presentations
- Unit tests
- Learning Journal
- Group work
- End of semester exams

Examples of the types of classroom activities you will be doing in Science:

- Using knowledge of electrical circuit components to construct different types of circuits
- Carry out a series of experiments on reactions of acids
- Design and perform an experiment which examines how temperature affects the rate of cellular respiration in yeast
- Researching the effects of stimulants and depressants on the nervous system

Where to next?

Year 9 Science leads to the Year 10 core Science options including Biology, Chemistry, Physics, Science and Society and VCE Unit 1 and 2 Environmental Science. An elective Science subject in Psychology is also offered.

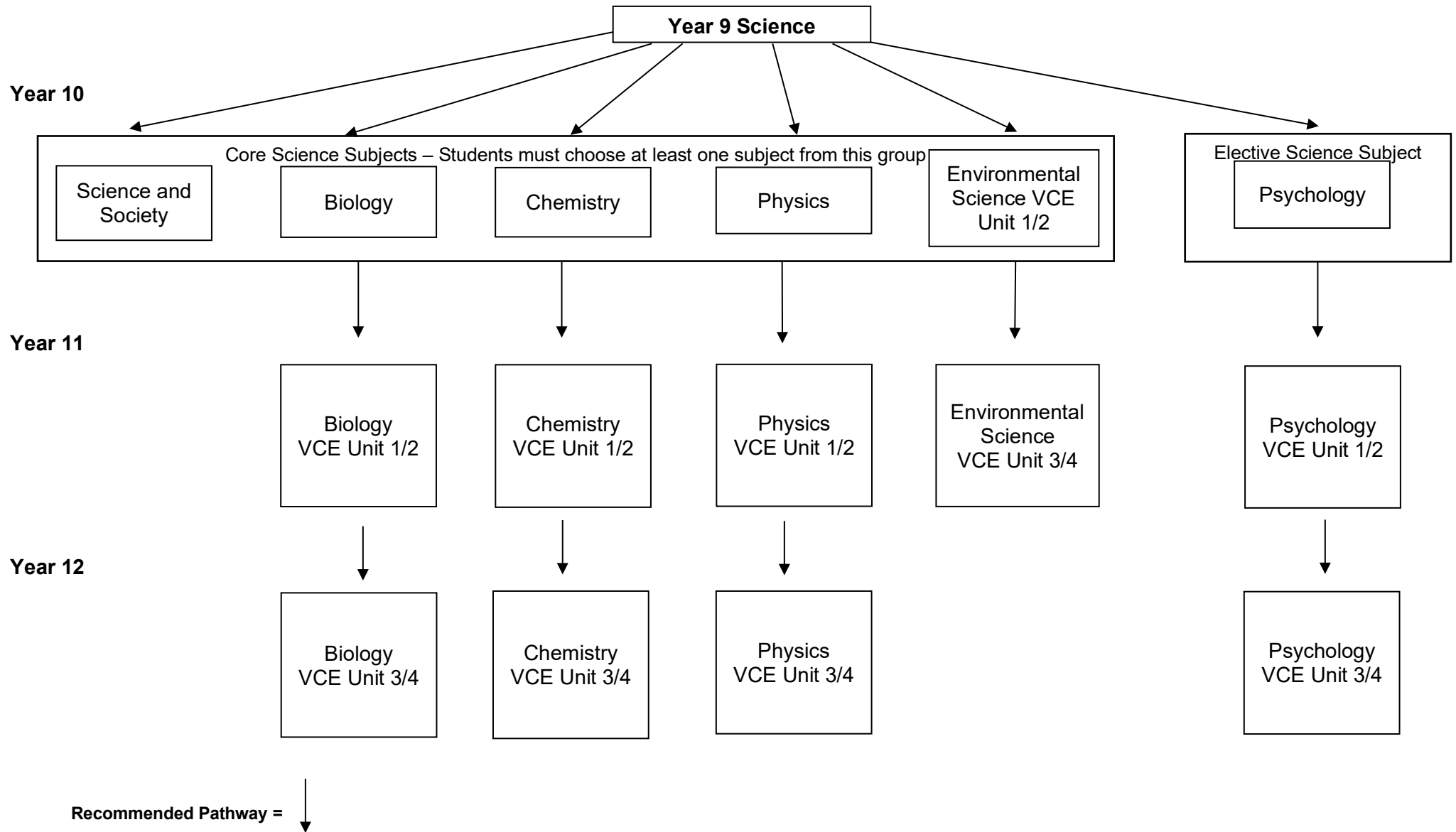
Time allocation:

Ten sessions per fortnight for the whole year.

Who to ask:

Your Year 8 Science teacher or Ms Stephanie Young (Head of Science).

Science Pathways



Physical Education

Why do we study Physical Education?

The Year 9 curriculum supports students to refine and apply strategies for maintaining a positive outlook and evaluating behavioural expectations in different leisure, social, movement and online situations. Students learn to apply health and physical activity information to devise and implement personalised plans for maintaining healthy and active habits. They also experience different roles that contribute to successful participation in physical activity and propose strategies to support the development of preventive health practices that build and optimise community health and wellbeing.

What knowledge and skills will you gain?

In Year 9, students learn to apply more specialised movement skills and complex movement strategies and concepts in different movement environments. They also explore movement concepts and strategies to evaluate and refine their own and others' movement performances. Students analyse how participation in physical activity and sport influence an individual's identities and explore the role participation plays in shaping cultures. The curriculum also provides opportunities for students to refine and consolidate personal and social skills in demonstrating leadership, teamwork and collaboration in a range of physical activities. Year 9 students will be engaged in SEPEP, or the Sport Education in Physical Education Program. This program aims to educate students in organising and running a sporting competition. Students will be required to not only be physically active but, also to be part of the administration, coaching, officiating and publicity aspects of the competitions.

How will Physical Education be assessed?

In Year 9 Physical Education students will be assessed in the following ways:

- Completed duties as part of the SEPEP programs
- Teacher direct observation on participation, application and sports sense.

Examples of the types of classroom activities you will be doing in Physical Education:

Students will be assisting in running SEPEP programs in the following sports:

- Term 1. European Handball
- Term 2. Basketball
- Term 3. Gaelic Football and Touch Rugby
- Term 4. Fitness and Sofcrosse

Other activities that are a part of Year 9 Physical Education:

Students will be actively involved in the following roles:

- Coach
- Administrator
- Referee
- Publicist

Where to next?

In Year 10, students will continue to be actively involved through Sport. Year 10 Sport is a core unit and studied for the whole year. Academic choices that Year 10 students can choose include Year 10 Physical Education, Year 10 Health (both of which are semester-long subjects) and VET Sport and Recreation (which is year-long) and VCE Units 1/2 Outdoor and Environmental Studies.

Time allocation:

Four sessions per fortnight for the whole year.

Who to ask:

Your Year 8 Physical Education teacher or Mr Jarrett Giampaolo (Head of Health and Physical Education).

Year 9 Literacy Program:

Japanese (VET Certificate II in Applied Languages)

Why study Japanese?

Learning an additional language extends a student's literacy in English and enhances their capacity to communicate. It fosters a student's ability to think about the nature and workings of language and culture, and to develop mental flexibility and problem-solving strategies. Successful completion of Year 9 Japanese also gives students partial completion of VET Certificate II in Applied Language, providing students with a nationally recognised qualification.

Japan is a world economic power and one of Australia's most important trading partners. Located to the north of Australia it is only about 10 hours away by plane. Knowledge of Japanese may open doors to a wide range of employment possibilities in fields such as business, education tourism and hospitality. People with knowledge of Asian Languages and Asia are often employed by non-government organisations working in Asian countries.

Students studying Year 9 Japanese are eligible to participate in the College's study tour to Japan.

What knowledge and skills will you gain?

Students in Year 9 complete the first year of VET Certificate II in Applied Languages. In this first year, students use Japanese to undertake basic conversations and write texts in the context of personal relationships. The course emphasises the use of real, meaningful language to complete activities such as describing familiar people and places and providing information about familiar topics.

How will Japanese be assessed?

Students demonstrate competency in a range of tasks including role-plays, class activities, peer assessment, teacher observation and formal tests.

Examples of the types of classroom activities you will be doing in Japanese:

- Read and listen to modified Japanese texts
- Participate in role plays and make audio recordings of speeches
- Write letters, emails and other short texts
- Practice reading and writing scripts

Time spent doing practical and theoretical activity:

All activities involve practical use of the Japanese language.

Where to next?

The completion of Japanese at Year 9 prepares students for the study of Year 10 Japanese during which they will meet the requirements for the second, and final year, of VET Certificate II in Applied Languages (Japanese). The Year 10 course also prepares students for VCE Units 1-4 Japanese which attracts a significant scaling advantage and bonus in the calculation of the ranked score for University entry. VCE Units 3/4 Japanese also meets the VCE Language requirement for the award of the VCE (Baccalaureate).

Duration:

Students selecting Japanese will study it for eight sessions per fortnight as an alternative offering to Literacy Support or Literacy Development.

Who to ask:

Your Year 8 Japanese teacher or Mrs Margaret McIntyre (Head of Language).

Literacy Support

Why study Literacy Support (formerly known as Linguistics)

Literacy Support is a targeted intervention program designed to support boys who benefit from the teaching of explicit literacy skills to support their studies in a range of other Year 9 subject areas, such as Media, Science, Humanities and, in particular, the study of English.

Students are usually invited to join the Literacy Support program, however, in some circumstances students who have not completed the Years 7 and/or 8 English Support programs have joined the group after consultation (see below for procedures).

What knowledge and skills will you gain?

Literacy Support in the Middle School is designed as an intervention program and as such provides more intense, scaffolded practice of skills covered in the Year 9 English program and other language-rich subjects.

How will Literacy Support be assessed?

There will be no examinations for Literacy Support as many of the tasks worked on are formally assessed throughout the academic year. A highly scaffolded assessment of skills taught after each unit serves to reinforce and evaluate student's understanding of concepts and writing styles particular to subject areas (for example, a source analysis to support skills explored in Humanities, a film analysis to support skills in Media, a narrative to support skills in English).

Where to next?

Students involved in the Literacy Support program typically choose English and English Support in Year 10. However, in the past (with recommendations from both the Year 9 English and Literacy Support teachers), some students have gained the confidence and developed the skills to study mainstream Year 10 English.

Duration:

Students selecting Literacy Support will study it for eight sessions per fortnight for the whole year as an alternative offering to Literacy Development or VET Certificate II in Applied Language – Japanese.

Who to ask:

Students should speak to their current English or Literacy Support teacher regarding this option. In the case of students considering this elective for the first time (having had no previous involvement in the Years 7 and/or 8 Literacy Support programs), they should firstly contact their English teacher, Mr Joseph Magee (Head of English Faculty), or Ms Sarah Sharp (Head of Literacy). Further testing and assessment may be a part of this selection process.

Literacy Development

What is Literacy Development?

Literacy Development provides the opportunity for boys to extend their knowledge and experience in a range of literacy genres that can be applied in other subject areas.

What knowledge and skills will you gain?

Students can select from the following Literacy Development units in 2021:

- Art, Design and Architecture
- Computer Coding
- Film and Media
- Literature and English Language
- Mathematical Problem-Solving
- Philosophy
- Scientific Investigation and Thinking

Art, Design and Architecture

Students can use this course as an introduction to the Visual Arts' topics, Art, Architecture and Design. In the term, they will create work related to these areas. At the same time, they will develop their written language skills to explain and reflect on their own work and that of others.

Investigation and creation of artwork will concentrate on how artworks have been created to reflect ideals of beauty. An introductory study of Architecture will focus on the work of contemporary Australian practitioners and the importance of social and environmental issues in the field. In looking at Design in more detail, students will gain an understanding of how ideas and instructions can be communicated to a variety of audiences.

Computer Coding:

In Computer Coding, students will learn the way computer programming works and how to construct code for different languages. When developing apps for phones, a desktop, the web or programmable circuit boards the skills of coding, debugging and computational thinking are transferable across different environments and can be quite useful in daily life. From Computer Coding, you will learn the language of computers and problem-solving skills whilst you undertake activities like building app's and creating software solutions. In Computer Coding, you will have assessments in the form of tests and practical projects.

Film and Media:

Students will explore the impact of new media technologies in relation to how they provide alternative means of creating, sharing and experiencing news services, compared to traditional television and newspaper forms. They will explore ideas including the development of the citizen reporter, the effects of social media on what we consume, and social activism. Students will explore the notion of 'fake' news' and its influence on our society.

Students will be introduced to basic media codes and conventions in relation to shot composition and how audiences interpret meaning. Students will explore the potential effects of advertising on targeted audiences or complete a series of video production exercises to demonstrate skills in shot composition.

The major assessment task will be the development of an advertising campaign for a product, or video production sequences. Students will then film and edit an advertisement targeting a specific audience using the persuasive techniques highlighted within programs like The Gruen Transfer or produce the short video productions.

Literature and English Language:

In the Literature component of this unit, students will undertake close reading of texts and analyse how language and literary elements function within a text. Using short stories, the Literature unit will provide opportunities for reading deeply, widely and critically, and for responding analytically and creatively. Literature aims to develop each student's awareness of other people, places and cultures and to explore the way texts represent the complexity of human experience.

The English Language aspect explores the ways in which language is used by individuals and groups and how it reflects our thinking and values. Learning about language helps us to understand ourselves, the groups with which we identify and the society we inhabit. Students will explore how people use spoken and written English to communicate, to think and innovate, to construct identities, to build and interrogate attitudes and assumptions and to create and disrupt social cohesion.

Mathematical Problem-Solving:

This unit will be delivered in two parts, Problem-Solving and Financial Awareness.

Mathematical Problem-Solving

True problem solving occurs when you are confronted with a problem and at first glance, you do not know the process that you will use to find a solution. In this unit, students will be dealing with mathematical problems. Students' improved problem-solving skills will be able to be applied to more generic situations in the future.

Students will be shown how, and then asked to use the following techniques for solving problems:

- Guess and Check
- Draw a picture/diagram
- Make a list or table
- Look for a pattern
- Make a rule
- Is it like a similar problem I have done previously?
- Do something

Financial Awareness

Students will learn about some of the financial pitfalls awaiting them as they approach adulthood, such as:

- Personal loans from a bank versus finance from a car yard
- Mobile phone plans
- Credit card traps
- Gambling, phone accounts, online gaming (how people get fleeced)
- Career Directions
- Resumes

Philosophy:

What does the future of humanity look like? What is our purpose on Earth? Why does the colour red seem to have more power than others? Should civilians be killed during wars? The Philosophy unit asks questions because a sense of wonder is at the heart of what it means to be human. Rather than being confined to one topic, Philosophy seeks to study the bigger picture through a focus on what really matters. In an ever-changing world, Philosophy is one of the most important subjects you can study, because it asks 'why?' It is not afraid to question.

At its core, this unit is about the art of thinking, whether this is about the past, present, or the future. Considering this, we will look through clips of several films to support our studies including *I, Robot*, *The Matrix*, *Inception*, and many more.

The thinking skills gained in Philosophy transfer to all subjects and graduates of it are highly sort after in the workplace. Most importantly, Philosophy helps to prepare you for an ever-changing world.

Scientific Investigation and Thinking:

What does it mean to think and explore like a scientist? The scientific approach to investigation and thinking was developed to ensure reliability and validity of any findings that might result.

This unit is designed to challenge students to think critically and analytically when tackling a problem or developing a scientific investigation. This will be achieved through a variety of methods, including; practical activities, use of second hand data, written reports, reading of scientific articles, sorting information and exploration of ideas.

Not only will the critical and analytical skills investigated in this unit prepare you to enter VCE science subjects, they are highly desirable skills that can be applied to all areas of your life. Scientific thinking can help you navigate the world of readily accessible information, technology and decision making that you are inevitably going to encounter in the future.

How will Literacy Development be assessed?

Each unit will be assessed according to the specific skills and knowledge of each unit.

Examples of the types of classroom activities you will be doing during Literacy Development:

- Research assignments
- Oral presentations
- Group work

Other activities that are a part of Year 9 Literacy Development:

Students will rotate through four units (one per term) over the course of the year.

Time allocation:

Students selecting Literacy Development will study it for eight sessions per fortnight for the whole year as an alternative offering to Literacy Support or VET Certificate II in Applied Language – Japanese.

Who to ask:

Mr Michael Busscher (Director of Middle School).

Year 9 Electives:

Art

Why study Art?

Year 9 Art builds on basic knowledge and skills gained in Year 7 and 8. It also provides students with an opportunity to explore new materials, ideas and techniques. It is an essential steppingstone towards further study of Art and Art Photography in Year 10.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- A guided improved skill development in drawing
- Improved skill development in painting
- Improved skill development in printmaking techniques
- Basic digital photography skills
- An understanding of numerous hand-building techniques in clay
- Improved skill development in making sculpture
- Increased knowledge of artists through ongoing study of artists associated with painting and drawing
- An understanding of the operation and purpose of art galleries.

How will Art be assessed?

Each area of drawing, painting, printmaking and photography will have a folio and visual diary assessed for each unit. Students will study different aspects of art industry, artists and art elements. This is assessed on a regular basis across the semester and with an end of semester exam.

Examples of the types of classroom activities you will be doing in Art:

- Drawing, painting, printmaking, ceramics, sculpture and photography. Using various artists as inspiration and exploring how they use the same materials.
- Exploring:
 - The visual arts curriculum specific to drawing and painting, printmaking, ceramics and photography
 - The art elements and principles, different galleries and how they operate.

Time spent doing practical activity:

75% of class time is devoted to the completion of practical activities.

Time spent doing theory:

25% of class time is used to complete theory activities.

Where to next?

The completion of Studio Art prepares students for the study of Year 10 Art and Art Photography.

Duration:

Art is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight

Who to ask:

Your Year 8 Art teacher or Mr Jared Lynn (Head of The Arts).

Computing

Why study Computing?

The Computing course enables students to become confident and creative developers of digital solutions through the application of information systems and specific ways of thinking about problem solving. Students will acquire a deep knowledge and understanding of digital systems, data and information and the processes associated with creating digital solutions so they can take up an active role in meeting current and future needs. This course encourages students to be decision makers by considering different ways of managing the interactions between digital systems, people, data and processes (information systems) and weighing up the benefits and potential risks for society and the environment.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- Using digital systems to efficiently and effectively automate the transformation of data into information and to creatively communicate ideas in a range of settings;
- Understanding the implications of the use of ICT and their social and ethical responsibilities as users of ICT;
- Developing new thinking and learning skills and more productive ways of working and solving problems individually and collaboratively;
- Expanding the use of the MS Office suite –Excel, Access, OneNote and Word;
- How to code algorithms to automate tasks in various languages – Visual Basic, Python, Arduino.

How will Computing be assessed?

- Programming projects and lab tasks
- Collecting and working with data
- Project based task incorporating all elements of the course
- End of Semester Exam and tests

Examples of the types of classroom activities you will be doing:

- Undertaking coding lab sheets and tasks
- Learning about the features of software to solve problems
- Exploring new and emerging technologies
- Contributing to a OneNote notebook for class notes

Time spent doing practical activity:

Most classes involve some practical activity.

Time spent doing theory:

A small amount of time is needed for the students to be taught how to use the software required for completing the tasks.

Where to next?

Year 10 Computing, Year 10 Programming, Year 10 Innovative Digital Solutions.

Duration:

Computing is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight

Who to ask:

Mr Ian Fernée (Head of Computing) and your Year 8 Computing teacher.

Design Technology – Metal

Why study Metal?

Metal is suitable for students interested in designing and making items made from metal, as well as those interested in careers in the manufacturing and construction industries. The course will focus on the application of the design process and the manufacture and evaluation of two different products, one in sheet metal the other using solid forms of metal.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- The application of safe and proper work practices in a metal workshop environment
- Further developing skills in using a range of common hand tools, portable power tools, stationary machines and equipment
- Applying the technology design process, which is based on the model of investigate, design, produce and evaluate.

How will Metal be assessed?

This course will be assessed and reported on in five areas:

- Completion of Project Folios
- Skill development tasks
- Manufacture of metal products
- Investigation Report
- Evaluation of the product and processes applied
- End of semester exam.

Examples of the types of classroom activities you will be doing in Metal:

- Preparing project folios, which includes the elements of researching, designing and sketching
- Completing a range of exercises in measuring, shaping and joining steel using common hand tools and workshop equipment
- Manufacture of a number of different metal projects
- Conducting ICT based research on a major topic related to Metal, and report findings
- Evaluating the success of each project and the design/production processes applied.

Time spent doing practical activity:

70% of class time will be spent doing practical activities, including On Guard safety training modules.

Time spent doing theory:

30% of class time will be spent doing theory and completing an investigation into metal processing.

Where to next?

VET Engineering Studies in Years 10 and 11 and/or VCE Units 1-4 of Product Design and Technology in Years 11 and/or 12.

Duration:

Metal is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight.

Who to ask:

Your Year 8 Technology teacher or Mr Peter Ryan (Head of Technology).

Design Technology – Wood

Why study Wood?

This study is suitable for students interested in designing and making items made from wood, as well as those interested in careers in the manufacturing and construction industries. The course will focus on the application of the design process and the manufacture and evaluation of a major production piece.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- The application of safe and proper work practices in a wood workshop environment
- Further developing skills in using a range of hand tools, portable power tools, stationary machines and equipment
- Developing an understanding of how to read and use working drawings and a materials list
- Understanding the design processes and developing the associated skills and techniques required to research, design and make a product.

How will Wood be assessed?

This course will be assessed and reported on in five areas:

- Completion of Design Folios
- Development of a wide range of practical skills
- Manufacture of wood products
- Evaluation of the product
- An end of semester exam.

Examples of the types of classroom activities you will be doing in Wood:

- Completing a range of exercises in measuring and joining timber using hand tools
- Making a product using hand tools and other powered woodworking equipment
- Evaluating the success of the end product and production processes used
- Preparing a personal design folio which will include elements of researching, designing and sketching.

Time spent doing practical activity:

Approximately 70% of scheduled class time will be used to complete practical activity, including On Guard safety training modules.

Time spent doing theory:

30% of class time will be used to complete the Design Folio.

Where to next?

Year 10 Design and Technology Wood; VET Certificate II Building and Construction from Year 10; and VCE Units 1-4 of Product Design and Technology in Years 11 and/or 12.

Duration:

Design Technology - Wood is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight

Who to ask:

Your Year 8 Technology teacher or Mr Peter Ryan (Head of Technology).

Food Studies

Why study Food Studies?

Food Studies introduces students to two pathways in food studies - the hospitality industry and/or VCE Food Studies. VET Certificate II in Kitchen Operations is a VETiS option in Year 10 and Food Studies is available into VCE. Both practical and theory concepts are included in this course to give students a clear understanding of the different pathways available to them in the Senior years.

Kitchen Operations modules include basic meal preparation, cakes pastries and yeast goods, tools and equipment use in the hospitality industry and occupation health and safety. Food Studies gives students an insight into the design process in food, different cuisines around the world, understanding fair trade and ethics in food.

What knowledge and skills will you gain?

Food Studies develops student's knowledge of the design process to develop design solutions and evaluate their success. Knowledge of cooking principles and reactions in food preparation are built upon to prepare students for a range of food related pathways.

Hospitality industry knowledge and skills will focus on the commercial kitchen. Specifically, how each area of a commercial kitchen works together for a "service", along with developing a menu for a function.

How will Food Studies be assessed?

This course will be assessed and reported on in the areas of:

- Principles of Cookery
- Research
- Design
- Production
- Self- evaluation and sensory responses
- End of semester exam.

Examples of the types of classroom activities you will be doing in Food Studies:

- Introduction of the principles of cookery
- Investigation and development of a range of options to a given design problem which consists of a personal design brief, specific evaluation criteria and relevant research.
- Develop a range of skills and techniques relevant to more advanced production methods
- Research and investigate tasks involving critical thinking and analysis.

Time spent doing practical activity:

Approximately 60% of scheduled class time will be used to complete practical activities.

Time spent doing theory:

Approximately 40% of class time will be theory work to consolidate cooking methods and food safety concepts covered in practical classes. Theory classes will also be used to develop understanding of the design process in a cookery context. Topics such as international foods, fair trades and ethical food choices will also be explored..

Where to next?

Year 10 Food Studies, VETiS Certificate II in Kitchen Operations

Duration:

Food Studies is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight.

Who to ask: Your Year 8 Food teacher or Mr Peter Ryan (Head of Technology).

Health

Why study Health?

Students studying Health will learn to refine and apply strategies for maintaining a positive outlook and evaluating behavioural expectations in different leisure, social, movement and online situations. Students will learn to apply health and physical activity information to devise and implement personalised plans for maintaining healthy and active habits. They will also experience different roles that contribute to successful participation in physical activity and propose strategies to support the development of preventive health practices that build and optimise community health and wellbeing.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- Students will be challenged to critically evaluate their own health behaviours
- Students will develop knowledge of exercise, nutrition and body systems and functions
- Students will develop the ability to challenge and question some of the myths and misconceptions surrounding healthy living
- Students will look at the importance of healthy relationships and the impact of mental health on wellbeing.

How will Health be assessed?

- First Aid Test
- Body Systems (Skeletal, Muscular, Nervous) Test
- Drugs and Alcohol Presentation
- Grampians Camp Presentation

Examples of the types of classroom activities you will be doing in Health:

Classroom activities will take the form of introducing the theory then the practical application.

Concepts to be covered include:

Theory:

- How to apply first aid (DRSABCD)
- Investigation into how our body systems operate
- Australia's Physical Activity Guidelines
- Short and long term effects of drugs and alcohol
- Training principles
- Fitness testing
- Become a personal trainer for a day

Where to next?

Following the successful completion of Health students may wish to extend their health education and choose Year 10 Health as an elective.

Duration:

Health is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight.

Who to ask:

Your Year 8 Health teacher or Mr Jarrett Giampaolo (Head of Health and Physical Education).

Media

Why study Media?

Year 9 Media is designed as an introduction to Media at Year 10. Students will have the opportunity to develop creative knowledge and skills with various media technologies including digital cameras and digital editing software Adobe Premier ProCS6. They will develop skills in the pre-production and post-production stages of the media production process as well as learning the language appropriate to analyzing film as text.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- Learning skills of stop-motion animation
- An understanding of Adobe Premier Pro CS6
- Experience in analysing film texts applying appropriate narrative elements
- An understanding of editing vision with appropriate transitions and visual effects
- An understanding of editing audio including music and sound effects
- An understanding of applications such as storyboarding and scripting.

How will Media be assessed?

Assessment will be primarily based around three summative assessment tasks:

- Stop motion animation
- Production of a short documentary film
- Written analysis of a film text

These tasks will incorporate a combination of traditional teacher-based assessment as well as self-assessment in the form of a written reflection on the production with a focus on three stages: intention, process and realization. Students will also complete an end of semester exam.

Examples of the types of classroom activities you will be doing in Media:

- Using everyday objects to create stop motion animations
- Close analysis of a sequence from a film text
- Editing sound and images using Adobe CS6

Time spent doing practical activity:

The unit will have a practical focus with 70% of contact time spent on creating media productions.

Time spent doing theory:

30% of class time will be used to complete theory activities.

Where to next?

The course will be relevant to students who are considering pursuing Media as a subject in the Senior School, or those considering a vocation incorporating media technology.

Duration:

Media is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight.

Who to ask:

Mr Peter Hutchins or Mr Jared Lynn (Head of The Arts).

Music Performance

Why study Music Performance?

The Year 9 Music Performance course has a large practical component that includes group and solo performance. Students perform to each other by forming large and small ensembles that then are used to create a set of music to perform to an external audience. These experiences provide practical opportunities to prepare students for VET Music (from Year 10) and VCE Music Performance (from Year 11) as a possible pathway to further studies or a career in music.

The curriculum provides a clear pathway for students covering all aspects of music performance, including composition and improvisation. Through composing their own works and arranging music for individuals and group performances, students develop performance skills while discovering music from a wide variety of styles. Students will also further development aural skills and knowledge of music theory.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- Performance skills as a soloist
- Performance skills as part of a group
- Composition in the context of performance
- Composing skills using a variety of software
- Improvisation skills

How will Music Performance be assessed?

- Individual performance
- Group performance
- Composition
- Aural (listening test)
- End of semester examination

Examples of the types of classroom activities you will be doing in Music Performance:

- Creating and performing pieces of music on your principle, and possibly second, instrument
- Performing improvised music as part of a group
- Aural Analysis

Time spent doing practical activity:

Six sessions per fortnight.

Time spent doing theory:

Two sessions per fortnight.

Where to next?

Music Performance leads to VCE Units 1-4 of Music Performance in Year 11 and 12.

Duration:

Music Performance is a semester length subject that is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight.

Who to ask:

Ms Fiona Wilson (Head of Music).

Music Technology

Why study Music Technology?

The Year 9 Music Technology course helps students to develop practical skills and theoretical knowledge which will allow them to operate professional audio equipment and use world class recording software.

The course builds understandings and provides experiences that will enable students to participate in various forms of audio production. Students will develop key skills that will allow them to:

- Record audio using multi-track recording software ProTools
- Operate professional audio equipment in a live setting
- Develop introductory knowledge of audio equipment, microphones, cables, connectors
- Develop introductory knowledge of how sound is produced – sound waves, frequency, etc.

The curriculum provides a clear pathway for students by covering key aspects of Technical Production. The course prepares students to study VCE VET Technical Production in the Senior School. This pathway is a direct link to further study and to work in the music industry as a sound engineer or technician, both in a live and studio setting.

What knowledge and skills will you gain?

Audio production skills students will gain include:

- Record multi-track performances
- Mix and edit multi-track recordings
- Operate professional audio equipment (PA, microphones, equalisers, speakers, etc.)
- Learn the science of sound – frequency, sound waves, etc.
- Safe manual handling awareness.

How will Music Technology be assessed?

- Software sessions
- Work simulated tasks
- Research and presentations on audio technologies
- Short knowledge tests
- End of semester exam

Examples of the types of classroom activities you will be doing in Music Technology

- Recording, mixing and editing audio
- Setting up and using PA equipment
- Research and presentation tasks.

Where to next?

Music Technology leads to VCE VET Technical Production which can be commenced in Year 10 or Year 11.

Duration:

Music Technology is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight.

Who to ask:

Ms Fiona Wilson (Head of Music)

Systems Engineering

Why study Systems Engineering?

Systems engineering is an exciting field of study with the right balance of theory and practical work. Year 9 Systems Engineering focuses on how things work, particularly systems involving mechanical, electrical and electronic features and will be of particular relevance to students who are interested in making things that move.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- Mechanical engineering
- Electrical and electronic circuits
- Safe work practice
- Use of common machines and hand tools
- Microcontroller programming.

How will Systems Engineering be assessed?

There are five main areas of assessment:

- Investigating: Finding out about what you are making
- Designing: Making plans and preparations for manufacturing your project
- Production: Actually making your project
- Evaluating: Judging how successful your project has been
- End of semester exam

Examples of the types of classroom activities you will be doing in Systems Engineering:

- Investigating mechanical and electrical concepts and principles
- Designing simple machines and electrical circuits
- Constructing simple electro-mechanical and electronic projects
- Programming Microbot robots using ICT
- Writing short reports.

Time spent doing practical activity:

60% of class time will be spent doing practical activity, including On Guard safety training modules.

Time spent doing theory:

40% of class time will be spent doing theory.

Where to next?

Year 10 Systems Engineering, where more challenging projects are offered.

Duration:

Systems Engineering is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight.

Who to ask:

Your Year 8 Technology teacher or Mr Peter Ryan (Head of Technology).

Theatre Studies

Why study Theatre Studies?

Students engage in workshops based on theatre styles, play devising techniques, improvisational activities, character development, text interpretation and script writing. In their performances, they will communicate ideas and understandings about themselves and others, incorporating influences from their own and others cultures and times. Students evaluate the effectiveness of their performances and make changes to realise their intended aims. In addition to the intensive practical component of the course, students will develop analytical and reflective skills in preparation for Theatre Studies in Year 10 and beyond.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- An ability to develop a successful audience-performer relationship
- Skills in editing a rehearsing performances
- An understanding of expressive skills and stagecraft
- Skills in improvisation strategies
- An understanding of Theatre Styles
- How to use a workbook as a place to record processes, ideas, plans, and to research, analyse and reflect.

How will Theatre Studies be assessed?

- Solo performance
- Ensemble performance
- Recording, creating, analyzing and responding in writing.
- End of semester exam.

Examples of the types of classroom activities you will be doing in Theatre Studies:

- Scene performance of a chosen style of theatre
- Slapstick performance
- Slapstick process task.

Time spent doing practical activity:

Approximately 75% of class time is devoted to the completion of practical activity.

Time spent doing theory:

25% of class time is used to complete various classroom theory activities.

Where to next?

Theatre Studies leads to Year 10 Theatre Studies and then onto VCE Units 1-4 of Theatre Studies

Duration:

Theatre Studies is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight.

Who to ask:

Your Year 8 Drama teacher or Mr Jared Lynn (Head of The Arts).

Visual Communication

Why study Visual Communication?

Year 9 Visual Communication is an introduction to the world of industrial and graphic design. Through a series of assessment tasks students are introduced to a broad spectrum that includes logos, typography, drawing, graphic design, illustration, industrial design, advertising and electronic resources.

What knowledge and skills will you gain?

Knowledge and skills students will gain include:

- An ability to understand how design and images play an important role in everyday life
- Skills in developing visual ideas for websites and social media posts
- An understanding of the design elements and principles
- Skills in technical drawing eg; one & two-point perspective
- How to use a folio as a means of cataloguing drawings, ideas, designs and how to record your research, annotations and reflections.

How will Visual Communication be assessed?

- Drawing task 1
- Drawing task 2
- Documentary and drawing task 3.
- End of semester exam.

Examples of the types of classroom activities you will be doing in Theatre Studies:

- Drawing in one-point perspective
- Record or CD cover design task
- Create your own car/truck dashboard design task.

Time spent doing practical activity:

Approximately 75% of class time is devoted to the completion of practical activity.

Time spent doing theory:

25% of class time is used to complete various classroom theory activities.

Where to next?

Visual Communication leads to Year 10 Visual Communication, Year 10 Architecture and then onto VCE Units 1-4 Visual Communication

Duration:

Visual Communication is a semester length subject which is repeated in Semester Two. Students can only study it for one semester. It is studied for eight sessions per fortnight.

Who to ask:

Your Year 8 Art teacher or Mr Jared Lynn (Head of The Arts).