Year 9

Course Guide 2026

MacKillop CATHOLIC COLLEGE

MKC

Creating futures
for every student

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From the Deputy Principal - Learning and Teaching

Dear Parents, Caregivers and Students,

Year 9 is the consolidating phase in a student's progress towards the completion of their schooling. Students continue to study the core subjects of English, Maths, Science, History, Health and Physical Education and Religious Education. In addition, students are able to study three electives – two in one semester and one in the alternate semester.

The purpose of this course guide is to provide students and parents with the basic information needed to select Mathematics and electives for Year 9. Students have the opportunity to select, in consultation with their teacher, which level of Mathematics they wish to attempt in Year 9. All of the subjects offered in this curriculum guide are an opportunity to explore what students are interested in and what they are good at.

All Year 9 students at MacKillop will be challenged to complete the Duke of Edinburgh Bronze Award, a globally recognised program that builds resilience, leadership, and confidence. Through service, physical activity, skill development and an adventurous journey, students will grow in independence and develop valuable life skills. Those who enjoy the experience can choose to continue with the Silver and Gold levels in Years 10–12, further deepening their growth and achievement beyond the classroom.

I urge families to read the information in this curriculum guide and discuss the choices carefully. My experience over many years suggests that parents and students who work together are more successful in achieving their goals. Every student can set goals and strive to achieve them.

To discuss subjects with teachers, all students, parents and caregivers are invited to attend the upcoming Subject Information Session. I look forward to the progress and success of this group of students over the next four years.

Yours in Christ,

Alanna Stretton
Deputy Principal - Learning and Teaching

Year 9 Curriculum Structure

The Year 9 program of study consists of Australian Curriculum mandated core subjects and three semester long electives over the year.

CORE Subjects – All students must study these in both semesters

- Theology and Spirituality 'T&S'
- English
- Essential Mathematics OR Mathematics OR Advanced Mathematics
- Science
- History
- Health and Physical Education 'HPE'
- Duke of Edinburgh Bronze Award

ELECTIVES – Semesters 1 or 2

The Arts

- **Drama**
  Acting for Stage and Screen, Drama Production
- **Dance**
  Dance Performance, Dance Composition
- **Media Art**
  Photography and Graphic Design, Film and Animation
- **Music**
  Music Studies, Contemporary Music Studies
- **Visual Arts**
  Sculpture and Ceramics, Painting and Printmaking

Technologies

- **Digital Technologies**
  Computer Science: Programming, Digital Information Systems
- **Design Technologies - Materials, Design and Technology**
  Design and Technology Textiles, Design in Wood, Design Studio, Computer Aided Design
- **Design Technologies - Food Technology**
  Creating and Enjoying New Food Experiences, Food Adventures: Global Cuisine

English

- Creative Writing

Humanities and Social Sciences

- Geography
- Economics and Business
- Society & Law

Health and Physical Education

- Fitness Experiences
- Sport Science

Outdoor Education

- Outdoor Education Experiences

Languages

- Japanese A
- Japanese B

Science

- Science and Engineering
- Science Advanced

Selecting Year 9 Subjects (Core and Electives)

Making a choice

Students, parents/caregivers should consult the subject listings in this Course Guide, noting any restrictions and any subjects of interest. It is a good idea to make a list of subjects and then rank them 1, 2, 3 etc. Students are strongly encouraged to *speak with their Subject Teachers and Heads of Learning* about their study pathway ideas and intentions for feedback about their suitability for subjects and electives especially for those subjects that may require particular skills and attributes (e.g. Advanced Mathematics, Outdoor Education).

- It is recommended that students choose subjects that they like, because they are more likely to do well in a subject that interests them. It is important to set themselves up to experience success in their pathway.

- Students are encouraged to select subjects from a range of learning areas.

The Process

1. Students should choose their core subjects and THREE electives with two reserve electives. The electives should be ranked in order or preference (Elective 1 = 1st choice, Elective 2 = 2nd choice and so on).

2. Details, instructions and a webcode will be provided via College email to each student. This online form has drop-down lists of all subjects to enable the selection process.*

3. Students submit their choices via Edval Web Preferences as outlined in the email they receive.

   The following *must* be adhered to in this process:

   a) A subject cannot be chosen more than once
   b) A subject chosen in the first three preferences cannot be a reserve subject.

   Please note, only preferences submitted correctly and by the advertised closing date can be used for student placement into subjects.

4. Students need to print out a copy of the 'receipt of subject selected' (sent automatically via email). This must be signed by the student and the parent / caregiver and returned to the front office.

5. Students will be placed in their subjects as closely aligned with their preferences as possible. Where they are unable to get all their preferences they might be placed on waiting lists in case space becomes available later, should changes occur.

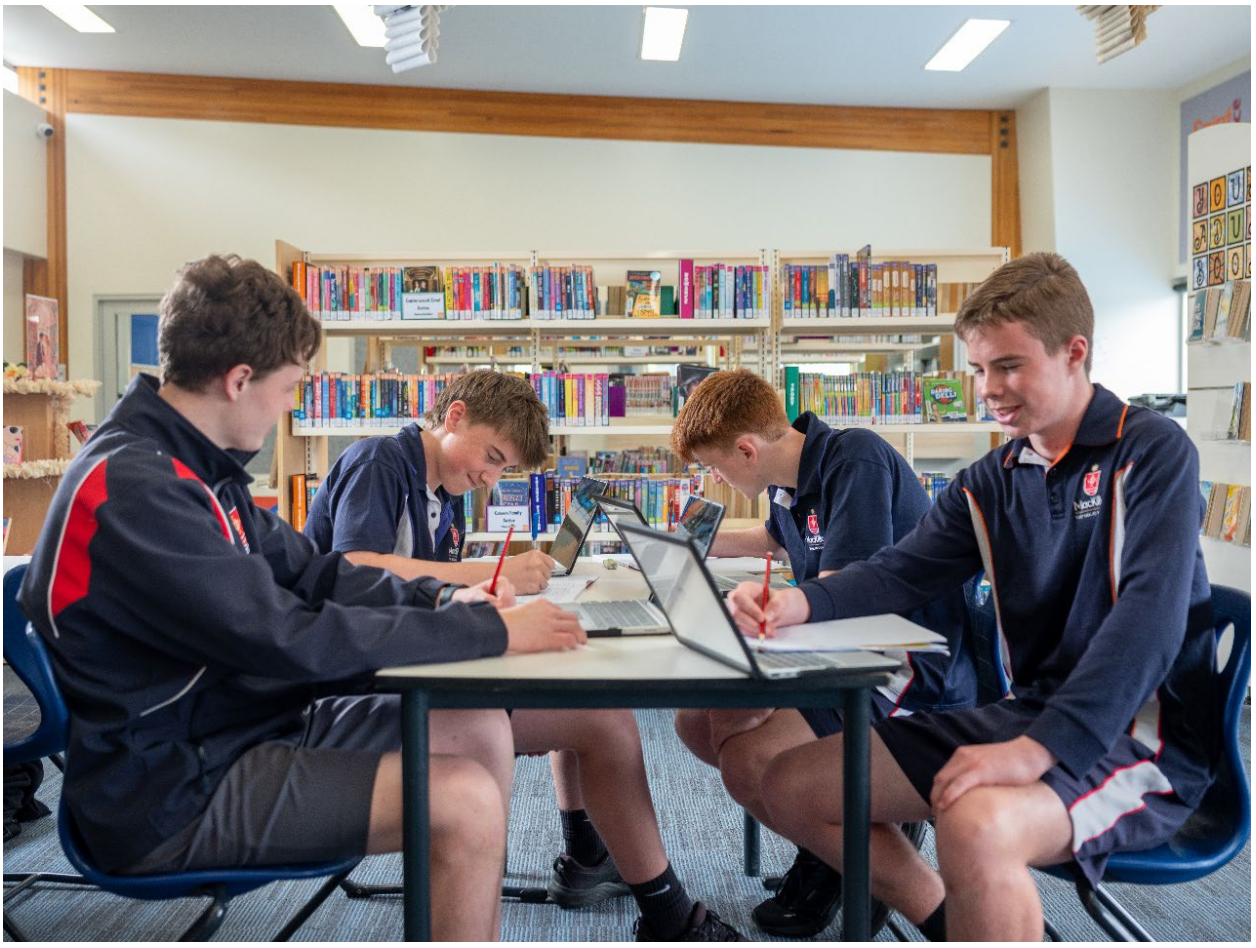
6. Students will be notified by College email of their subjects for 2026 before the end of the 2025 school year.

*For support with the digital forms or email links please contact rzehmeister@mackillop.tas.edu.au for assistance.

Subject Availability and Changes

Please Note: Students and parents should be aware that subjects will only go ahead on the timetable if there are enough students who wish to study them and if the school is able to resource them.

Changes to elective subjects can be requested up to Week 2 of Term 1 for Semester 1 subjects, or Week 2 of Term 3 for Semester 2 subjects, where a subject does not seem to be the right fit. However, moving to other classes will be dependent on class sizes and availability at the time of request.



Theology and Spirituality

CORE

The Year 9 Religious Education curriculum invites the learner to encounter God revealed in Jesus present in the world, fully human and fully God. Students learn about how Jesus calls his followers to discipleship. The Church is revealed as proclaiming the Good News of Jesus and is missionary and prophetic, challenging injustice and proclaiming that all of creation is intended for 'fullness of life' (Jn 10:10). Students in Year 9 study and pray with the scriptures, encountering the Bible as a text of inspiration and challenge. Students are encouraged to explore the teachings of Jesus, Christian life is explained as living in 'right relationship' with God, our neighbour and the earth. Students explore making right and just decisions informed by faith, and how as Christians we are called to collaborate with God's plan, building the "Kingdom of God". The comparative study of religious traditions in Year 9 acknowledges that the church celebrates diversity and that it also seeks unity and peace amongst all peoples and all religious traditions.

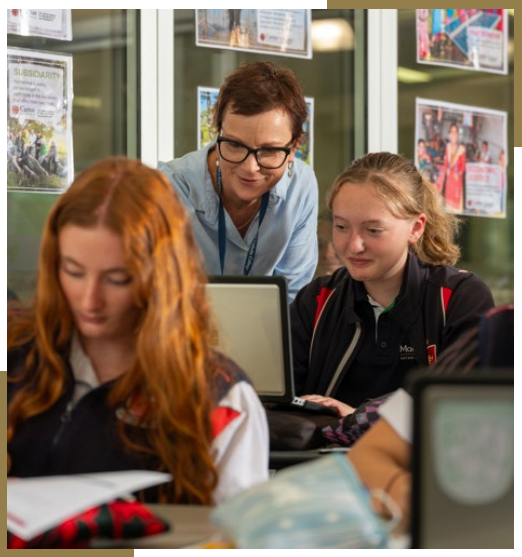
Students in Year 9 explore and develop frameworks by which they reflect on experience and search for personal meaning in the light of faith.

In Year 9 students engage in the following units of study:

- A study of the portraits of Jesus presented in the four Gospels.
- A comparative study of world religions.
- An exploration of Christian morality, conscience, decision making and building right relationships in the light of the Gospel.
- An exploration of "Servant Leadership" theory and practice.

The subject is assessed through three interrelated strands, these strands are used to assess the learning of students from Years 7 to 10.

- Knowledge and Understanding
- Inquiry and Communication
- Discernment and Making Connections



English

CORE

Year 9 English is built around the three key strands of language, literature and literacy. Students will experience a balanced approach to these strands, focusing on developing their knowledge, understanding and skills in listening, reading, viewing, speaking, writing and creating.

Students engage with a variety of texts for enjoyment. They interpret, create, evaluate, discuss and perform a wide range of literary texts in which the primary purpose is aesthetic, as well as texts designed to inform and persuade. These include various types of media texts, novels, poetry, plays and multimodal texts, with themes and issues involving levels of abstraction, higher order reasoning and intertextual references.

Students create a range of imaginative, informative and persuasive types of texts including narratives, procedures, performances, reports, discussions, literary analyses, transformations of texts and reviews.

Creative Writing

ELECTIVE

What is it about?

In Creative Writing, students examine the craft of writing, enhance their use of language and grammar, and hone their writing skills in a variety of forms. This course will enhance and enrich students' appreciation of the creative writing practice.

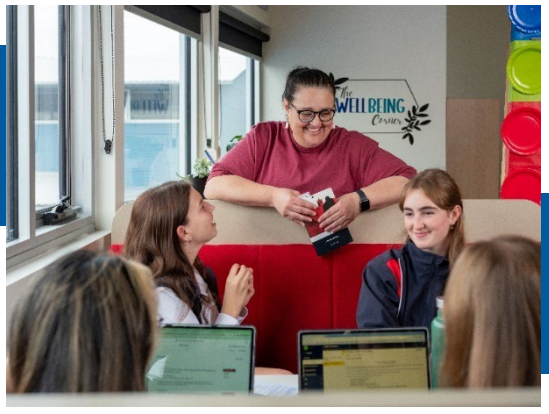
Students have spent much of their schooling learning how to analyse narratives, their structures, and their use of techniques. This course will enable students to build on these and further learn the key skills of drafting, reviewing and editing, including the opportunity to share their work and to learn from their peers. Students are supported to write creatively and to assume increasing responsibility for their own learning.

Who might be interested in Creative Writing?

- Students who enjoy writing and are motivated to improve their creative expression.
- Students wanting a strong grounding for the study of pre-tertiary English courses.
- Students interested in being a writer in any field, such as the arts, public service, journalism, education, communication, politics, or the law.

What do you need for this subject?

- a strong interest in words and ideas and the willingness to learn how to use them effectively.
- interest in writing in their own time and enjoyment of analysing other types of texts.
- the ability to analyse texts and craft extended pieces of work.



History

CORE

In Australian Curriculum History, students will delve into the past in greater detail. They will become skilled in critical thinking and source analysis as they examine the past from multiple perspectives. Students will focus on the making of the modern world, 1750 – 1918. It was a period of industrialisation and rapid change in the ways people lived, worked and thought. The period culminated in World War I, 1914–1918, the 'war to end all wars.' Historical knowledge, understanding and skills are developed using the key concepts including evidence, continuity and change, cause and effect, perspectives, empathy, significance and contestability.

Geography

ELECTIVE

In Geography, students will build on their existing knowledge and skills and use these geographic skills and inquiry including mapping, Geographic Information Systems and research to explore both the human and natural world. Units covered include Biomes, Food Security and Interconnections through trade and tourism.

Economics and Business

ELECTIVE

In Economics and Business, students will cover the course outlined in the Australian Curriculum and the two strands: economics and business knowledge and understanding, and economics and business skills. Students are introduced to the concept of an 'economy' and explore what it means for Australia to be part of the Asia region and the global economy. Students develop their understanding of economics and business concepts by exploring the various interactions within the global economy. They consider the interdependence of participants in the global economy, including the implications of decisions made by individuals, businesses and governments and the responsibilities of participants operating in a global workplace.

Society and the Law

ELECTIVE

Society and the Law is centred on the interaction between the discipline of law and society. This subject considers the legal system that regulates activities and aims to protect the rights of all individuals and balances these with obligations and responsibilities. An understanding of legal processes and concepts enables citizens to be informed and better able to constructively question and contribute to the improvement of laws and legal processes. Knowledge of the law enables students to have confidence in approaching and accessing the legal system and provides them with an appreciation of the influences that shape the system. It empowers students to make constructive judgments and knowledgeable commentaries on the law and its processes from critical perspectives. The subject satisfies interest and curiosity as students question, explore and discuss tensions between changing social values, justice and equitable outcomes.

Students will study the following topics:

- Law, what is it good for? An introduction to the legal system.
- Crime and punishment.
- An introduction to civil law.

Health and Physical Education

CORE

This course supports students to refine and apply strategies for maintaining a positive outlook and evaluating behavioural expectations in different situations. Students learn to critically analyse and apply health and physical activity information to maintain healthy and active habits. Students also learn to apply more specialised and complex movement skills, strategies and concepts in different movement environments. They analyse and evaluate how participation in physical activity and sport influences an individual's identity and they refine their own and others' movement performances. There are opportunities for students to consolidate skills in leadership, teamwork and collaboration in a range of physical activities.

The Australian Curriculum: Health and Physical Education (F–10) aims to develop the knowledge, understanding and skills to enable students to:

- access, evaluate and synthesise information to take positive action to protect, enhance and advocate for their own and others' health, wellbeing, safety and physical activity participation across their lifespan.
- develop and use personal, behavioural, social and cognitive skills and strategies to promote a sense of personal identity and wellbeing and to build and manage respectful relationships.
- acquire, apply and evaluate movement skills, concepts and strategies to respond confidently, competently and creatively in a variety of physical activity contexts and settings.
- engage in and enjoy regular movement based learning experiences and understand and appreciate their significance to personal, social, cultural, environmental and health practices and outcomes.
- analyse how varied and changing personal and contextual factors shape understanding of, and opportunities for, health and physical activity locally, regionally and globally.

Fitness Experiences

ELECTIVE

The Year 9 Fitness Experiences curriculum will enable learners to develop a variety of skills and knowledge through practical involvement in selected fitness activities.

Fitness Experiences aspires to challenge and engage the learner, build positive lifelong attitudes and behaviours toward fitness, through regular exercise and physical activity. Learners will primarily develop their understanding and application of training principles and methods.

Further aims include learners:

- participating in a diverse range of fitness training activities
- identifying personal goals and targeting relevant fitness areas
- selecting and using suitable activities and exercises
- measuring and tracking improvement and progress
- demonstrating commitment to regular engagement in physical activity aligned to personal fitness goals
- following safety and equipment use instructions
- accessing local community facilities
- participation in post session reflection and recording fitness (journal)
- identifying future pathway options for ongoing physical activity

Sport Science

ELECTIVE

In this course, learners will explore the world of sports and exercise science. Throughout the year students will cover a wide range of topics related to human physiology, biomechanics, nutrition and injury prevention in the context of sports and physical activity.

Learners will look at the workings of the human body, understanding how different systems such as cardiovascular, respiratory and musculoskeletal systems contribute to athletic performance.

The basic principles of biomechanics and how they impact movement efficiency, injury prevention and performance enhancement will also be covered.

Additionally, learners will examine the role of nutrition in sports, learning about the importance of proper fueling and hydration for optimal performance. Students will investigate different types of nutrients, their sources, and how they affect the body during exercise. In this course, learners can expect a mix of theory and practical activities. Learners will engage in hands-on experiments, data analysis and group discussions to reinforce the concepts learned.

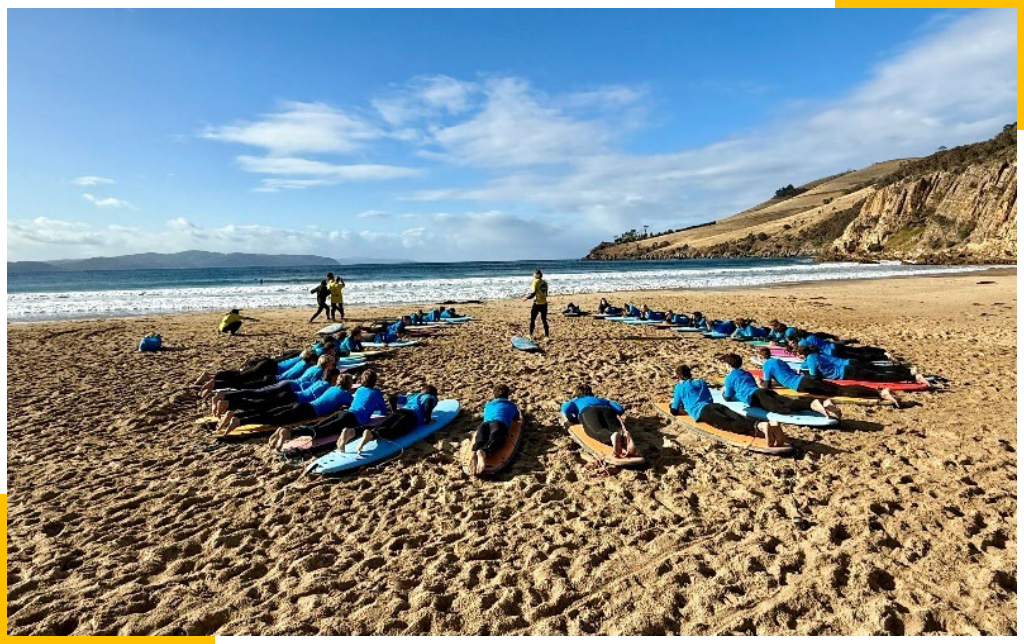
Outdoor Education Experiences

ELECTIVE

The Outdoor Education Experiences course is a predominantly practical course and will suit students who like to be physically active and be pushed out of their comfort zone. Students develop a deeper appreciation, understanding of, and reasons for, codes of conduct in outdoor recreation activities. They engage in adventurous activities as a way of exploring self and nature, and apply lessons learned to everyday living. Students assume leadership roles and are increasingly required to assess and manage risk in both recreation and everyday life. Students develop an understanding of the impact of decision making on natural environments through investigation of issues relating to conservation. Through taking action, students develop increased self-efficacy and citizenry towards the natural environment and develop their own ideas and strategies to support such efforts.

In Outdoor Education, students will develop respect, resilience, leadership and organisation. Activities may include:

- Team building/problem solving activities
- Surfing
- Snorkeling
- Navigation
- Mountain Biking



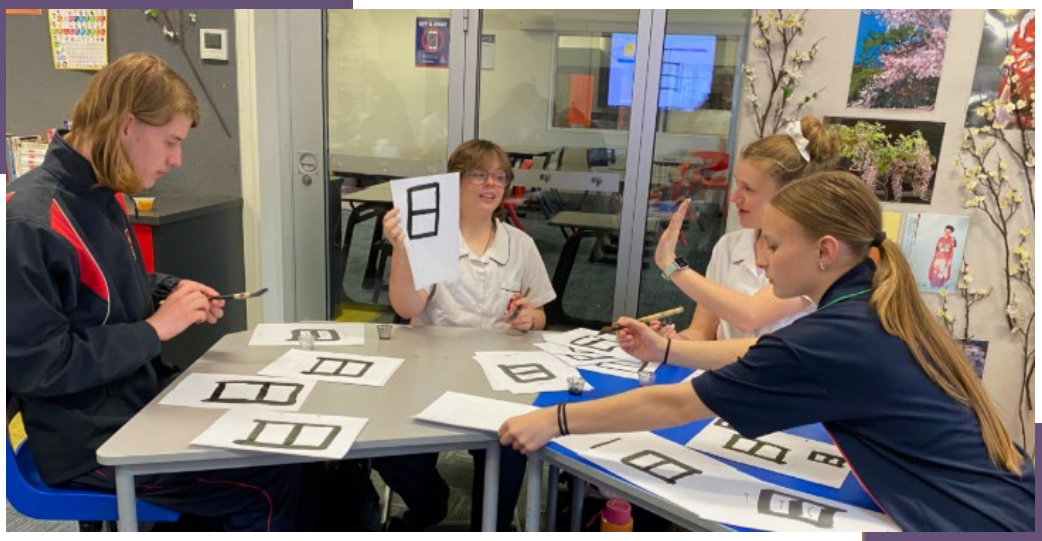
Japanese A and Japanese B

ELECTIVE

Year 9 Japanese builds upon the language skills developed in the Year 7 and 8 course. Activities are designed to build reading, writing, speaking and listening competency in Japanese. Students will complete intercultural units exploring topics including daily routine, hobbies, interests and travel. Students will work more with the Katakana alphabet, improving their confidence in reading Japanese signs, menus, websites, manga and advertising material.

Students interested in continuing their Japanese studies in future years are recommended to complete both semesters of Year 9 Japanese. However, students may study Japanese, for a single semester prior to commencing their Year 10 Japanese studies.

Students will be able to further augment their Japanese studies through the College N5 extension program. This extra-curricular program aims to prepare students to sit Level 5 of the globally recognised “Japanese Language Proficiency Test”.



Students select one of the following Year 9 Mathematics subjects on the advice of their Year 8 Mathematics teacher.

Essential Mathematics

CORE

Year 9 Essential Mathematics is aligned to the Australian Curriculum: Mathematics and focuses on building fundamental mathematical knowledge and skills by providing additional time to students to allow them to develop their mathematical understanding and fluency within a supported structure. The course covers topics in the areas of Number, Algebra, Measurement, Space, Statistics and Probability. Where possible, more abstract concepts are explored in practical and applied contexts. Successful completion of this course will allow a C level of achievement to be attained against the Australian Curriculum: Mathematics.

Pre-requisite: Recommended maximum of a D award in Year 8 Mathematics.

Pathways: Students completing the Year 9 Essential Mathematics course at a C achievement level will be prepared to access Year 10 Mathematics. Alternatively, a D achievement will prepare students to access Year 10 Essential Mathematics.

Students will be identified by their Mathematics teachers to complete this course.

OR

Mathematics

CORE

Year 9 Mathematics explores topics in the areas of Number, Algebra, Measurement, Space, Statistics and Probability. The course allows students to engage with the entire continuum of mathematical thinking from the fundamental knowledge and skills explored in the Essential Mathematics course to rich problem-solving and reasoning tasks that build students' ability to grasp more complex and abstract concepts. Year 9 Mathematics develops the numeracy capabilities that all students need in their personal, work, and civic life, and provides the fundamentals on which mathematical specialties and professional applications of mathematics are built.

Pre-requisite: Recommended minimum of C award in Year 8 Mathematics.

Pathway: Students performing at a minimum of a C level of achievement will be prepared to access Year 10 Mathematics. Students performing at an A or B level may also elect to study Year 10 Introduction to Mathematics Methods. Students performing at a D level of achievement should consider Year 10 Essential Mathematics.

This course will be studied by the majority of Year 9 students, unless advised to study either of the alternative CORE options. Students should ensure they have discussed their Mathematics option with their teacher.

Please note: Students who are considering completing the TASC Mathematics Methods Foundation 3 course in Year 10 are required to select Advanced Mathematics in Year 9.

OR

Advanced Mathematics

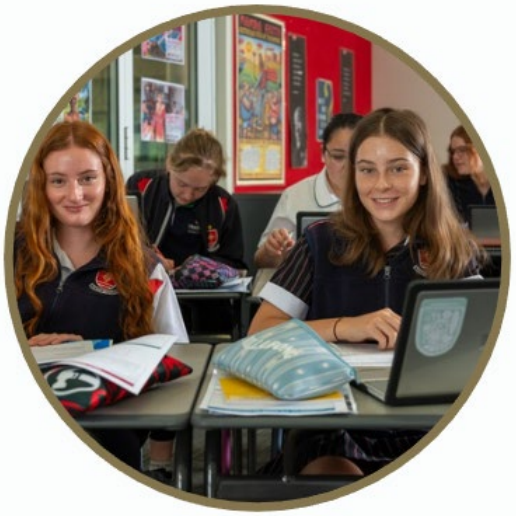
CORE

Year 9 Advanced Mathematics is a course designed for those students who are aiming to complete Mathematics Specialised 4 in Year 12, which will require completion of Mathematics Methods 4 in Year 11 and Mathematics Methods Foundation 3 in Year 10.

In this course, students will have the opportunity to consolidate and extend their mathematical knowledge and understanding to a Year 10 level by completing the entirety of the Year 9 and Year 10 Australian Curriculum: Mathematics content in a single year. It is essential that students undertaking this course have strong mathematical skills, a high level of motivation and a positive attitude to being challenged.

Pre-requisite: Recommended minimum of an A award in Year 8 Mathematics.

Pathway: Students completing Year 9 Advanced Mathematics at an A or B level of achievement will be prepared to access Mathematics Methods Foundation 3 in Year 10. Alternatively, students achieving a C level of achievement are recommended to complete Year 10 Introduction to Mathematics Methods to further consolidate their skills before attempting Mathematics Methods Foundation 3 in Year 11.



DRAMA

Acting for Stage and Screen

ELECTIVE

This course is designed for students who would like to build on their skills and confidence whilst performing in a range of different styles. This will include performing to an audience and performing to camera. Students will have the opportunity to view a diverse range of live and/or recorded performances to enhance their knowledge and inspire their own performances.

During the semester students will work individually and in groups to develop skills in voice, character and movement which they will use to enhance both their scripted and devised Drama performances. Students who choose to study Drama for the whole year will be able to apply skills learned in this unit to Drama Production in Semester 2.

Drama Production

ELECTIVE

This course is designed for students who would like to build on their skills in Drama by working together with their peers to create polished performances with the goal of presenting to an audience. Students will have the opportunity to develop their confidence and knowledge in a variety of theatre styles, they will also spend time learning about other elements of a theatre production.

*Closer to performance time there may be a requirement for students to undertake some after-school rehearsals. Dates and times of these will be communicated well in advance.

DANCE

ELECTIVE

Dance Performance

This course is designed for students who want to build confidence and develop their performance skills while experiencing the joy of dancing in front of an audience. Students will explore a wide range of dance styles and learn how to communicate meaning, emotion and intent through movement.

Through engaging practical workshops, students will develop skills in technique, musicality, stage presence, and choreography. They will participate in small group and whole class routines and gain experience in both rehearsed and improvised performance settings. Styles explored may include hip-hop, lyrical, contemporary, jazz, tap and ballet, providing a rich and diverse foundation in performance.

Students will also learn how to reflect on and refine their work through peer and self assessment, gaining a deeper understanding of dance as both an art form and a powerful form of communication.

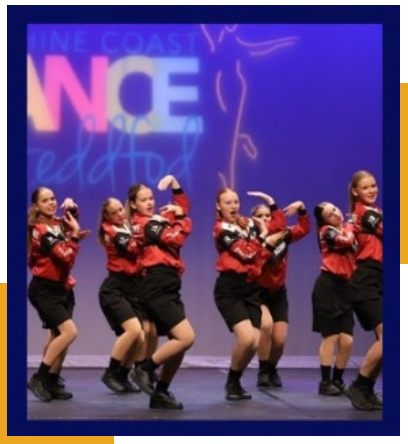
Dance Composition

ELECTIVE

This course is designed for students who are interested in creating their own original dance works. It focuses on developing choreographic skills through the exploration of the elements of dance (body, space, time, dynamics and relationships) and choreographic devices. Students will be encouraged to express ideas, emotions and narratives through movement, working individually and in small groups to plan, create and refine their routines.

Throughout the semester, students will analyse professional works for inspiration, reflect on their own creative processes and present their compositions to peers or an audience. This course is ideal for students who enjoy creative thinking, storytelling through movement and collaborating with others to produce meaningful performance pieces.

Closer to performance time there may be a requirement for students to undertake some after school rehearsals. Dates and times of these will be communicated well in advance to minimise disruption.



MEDIA ARTS

Photography & Graphic Design

ELECTIVE

This course is an introduction to a variety of areas within the Media area of The Arts learning area. Students will explore the evolution of photography and graphic design throughout history. They will learn technical skills to confidently use a range of industry-standard software programs including Adobe Photoshop, Lightroom, Illustrator and InDesign. Students will use specialised equipment to explore photography conventions, lighting and themes. They will communicate through imaginative and expressive responses, respond to design briefs, explore the use of typography, and develop media works from ideas, through to finished products for display.

Film & Animation

ELECTIVE

This course is an introduction to a variety of areas within the Media area of The Arts learning area. Students will explore the use of media within society and investigate legal and ethical considerations of this platform. Students will learn technical skills to confidently use specialised equipment and produce works in short film and animation focus areas. Students will acquire skills using industry standard software, including Adobe Premiere Pro and Animate. They will communicate through imaginative and expressive responses, analyse films, learn filmmaking techniques to inspire and extend their creativity.

MUSIC

Music Studies

ELECTIVE

This course is designed for students who are interested in developing their skills on a chosen instrument. Students will explore traditional and non-traditional notation and access music from a variety of genres that may include historical contexts, contemporary music and popular music. Students will work on solo and ensemble skills at the level that is relevant to their knowledge and experience.

Contemporary Music Studies

ELECTIVE

This course is designed for students who are interested in developing their skills on a chosen instrument in the contemporary context. Students will explore contemporary notation styles such as lead sheets, chord charts, tablature and standard traditional notation. Students will learn these skills within the context of modern contemporary music, particularly popular music. Students will work on solo and ensemble skills at the level that is relevant to their knowledge and experience. Students will participate in aural skills training, listening skills, performance and song writing composition. If you would like to focus your musical training on the contemporary context, this is the course for you.

VISUAL ARTS

Sculpture & Ceramics

ELECTIVE

By creating three-dimensional art, students can learn how to embrace the challenge of working with artworks that can be viewed from all directions and angles. The Sculpture & Ceramics course enables students to produce sculptural forms in a range of materials, that may include clay (hand building and pottery on the wheel) wire, recycled and mixed materials. Students will research artists and the way they work and respond to these artists in written and practical responses.

Exploring themes of sustainability, form and function, students will problem solve and learn techniques to create aesthetically pleasing artworks. Students will learn to think of three-dimensional pieces as artworks, explore installation art and communicate ideas.

Painting and Printmaking

ELECTIVE

The Painting & Printmaking course allows students to enhance their two-dimensional artworks through these mediums. Exploring themes, artists and ways of working to enhance their drawings and designs.

Students will further their skills acquired in year 8 to achieve interest, depth and mood within their paintings. Students will explore a variety of painting mediums that may include acrylic, watercolour, inks and oil paints, students will explore a variety of formats and styles of painting.

The artistic process of printmaking is based on the principle of transferring images from a matrix onto another surface, most often paper or fabric. Students will experiment with a variety of printmaking forms, including etching, collagraph and lino printing. Students will transform their drawings into designs and can mass produce their artworks in different applications.

DIGITAL TECHNOLOGIES

Computer Science

ELECTIVE

This elective provides students with practical experience in various computer programs, techniques, and creative processes. They will learn to code in word block and Python code, utilise the Design Thinking Process to creatively solve problems, and explore robotics to understand how to program and control programmable systems. Additionally, students will apply their skills to real-world challenges and engage in hands-on projects with Micro:Bits, Raspberry Pi, Lego Mindstorms, and more. This course aims to equip students with the necessary skills to innovate and tackle technological challenges effectively.

What You'll Learn:

- Learn to Code: Dive into a variety of programming languages and discover the power of coding.
- Design Thinking Process: Use the Design Thinking Process to identify and solve problems creatively and effectively.
- Robotics: Explore the world of robotics and learn how to program and control robots.
- Real-World Applications: Apply your programming skills and design thinking knowledge to tackle real-world problems.
- Hands-On Projects: Get hands-on experience with Micro:Bits, Raspberry Pi, Lego Mindstorms, and more, bringing your ideas to life.

Join us in this dynamic course and become a tech-savvy innovator ready to create and solve with technology!

Digital Information Systems

ELECTIVE

Dive into the exciting realm of Digital Information Systems, where you'll explore the fascinating world of computer networks, hardware, software, cybersecurity, data management, and emerging technologies. This engaging elective is designed to give Year 9 students hands-on experience and a deep understanding of the technology that powers our digital age.

What You'll Learn:

- Hardware and Software: Gain insights into server and desktop solutions, understanding both the software and hardware that make them tick.
- Introduction to Networks: Explore the fundamentals of computer networks, including how data is transmitted, network types, and the essential components that make up a network.
- Cybersecurity Basics: Understand the importance of cybersecurity and learn basic techniques to protect data and networks.
- Data and Spreadsheets: Get introduced to the world of data management and spreadsheets, essential tools for organizing and analysing information.
- Digital Citizenship: Learn about responsible and ethical use of technology, including online safety and digital footprints.
- Emerging Technologies: Stay ahead of the curve by exploring cutting-edge technologies like artificial intelligence, virtual reality, and blockchain.

Join us in this dynamic course and become a tech-savvy innovator ready to tackle the digital challenges of tomorrow!

DESIGN TECHNOLOGIES: Materials, Design and Technology

Design and Technology Textiles

ELECTIVE

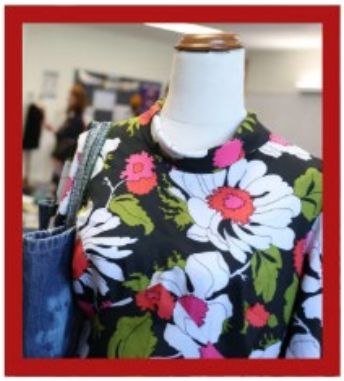
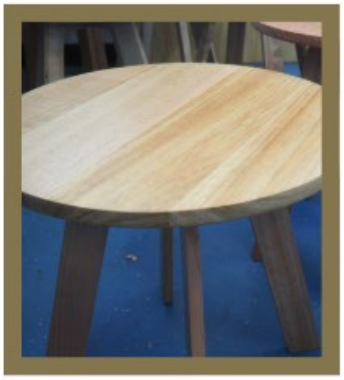
Are you ready to turn your creativity into something you can wear, decorate with, or gift? This course is a hands-on, semester-long subject where you'll bring your ideas to life using fabric, thread, and yarn. Whether you're into fashion, interior design, or just love making things, this course is your chance to explore the world of textiles through fun, practical projects.

You'll complete three exciting design challenges based on your own interests, using a design process that encourages critical thinking, creativity, and problem-solving. From sketching and journaling your ideas to sewing, embroidering, dyeing, and even up-cycling old clothes—this subject is all about experimenting and expressing your unique style.

This subject is perfect for:

- Students who love hands-on, creative activities.
- Aspiring designers who enjoy sketching, planning, and making.
- Anyone curious about sewing, embroidery, crochet, knitting, fabric painting, stenciling, or dyeing.

Eco-conscious creators who want to give old clothes a new life through up-cycling.
No experience needed - just bring your imagination and a willingness to try something new!


Design in Wood

ELECTIVE

Get creative, get building! Ready to take your woodwork skills to the next level? In Design in Wood, you'll dream up and build your very own stylish side table – designed by you, for you! Working within a design brief, you'll learn about different joint types and use that knowledge to shape your ideas and bring them to life. You'll follow the full Design Process, from first sketch to final screw, documenting every creative step along the way. The best part? When it's all done, that awesome table you made is yours to keep!

ELECTIVE

Design Studio

Design Studio is a creative, hands-on subject for students who enjoy problem-solving and bringing ideas to life. You'll learn how to analyse design briefs, research effective solutions, and develop original concepts that are both functional and innovative. Using annotated sketches and detailed manufacturing plans, you'll build skills in visual communication, planning, and creative thinking. The course emphasises the design process, encouraging you to reflect, refine, and adapt your ideas as you move from concept to final product. Design Studio is a great extension to Design in Wood or Computer Aided Design, and it lays a strong foundation for senior Design & Technologies subjects. This subject empowers you to work independently and create meaningful design outcomes in a supportive, workshop-based environment.

ELECTIVE

Computer Aided Design and Drafting

Computer Aided Design (CAD) is ideal for students who enjoy creative problem-solving and working with technology. In this subject, you will learn to create 2D and 3D models using professional design software and explore the role of CAD in industries such as architecture, product design, and computer-aided manufacturing. Through a series of design challenges, you will develop your technical knowledge and improve your graphic communication skills. CAD will also strengthen your ability to think critically, visualise ideas, and present your concepts effectively. This subject provides a strong foundation for further study in Design and Technologies and is highly recommended for students considering Housing & Design in Years 11 and 12.

DESIGN TECHNOLOGIES: Food Technologies

ELECTIVE

Creating and Enjoying New Food Experiences

Get ready to roll up your sleeves and dive into the delicious world of food! This exciting elective is all about discovering new flavours, building confidence in the kitchen, and exploring the stories behind the meals we love.

Through hands-on cooking experiences, you'll learn how to design, prepare, and evaluate a variety of dishes using safe and effective techniques. You'll experiment with ingredients, master kitchen tools, and develop practical skills that you can use every day.

A key focus of this course is exploring the question: What is Australian cuisine? You'll uncover how Australia's food culture has been shaped by multicultural influences over the past 200 years. From classic Aussie favourites to modern twists inspired by global flavours, you'll trace the evolution of our national tastebuds.

Whether you're passionate about food, curious about culture, or just love to cook and eat—this course is a flavour-packed adventure you won't want to miss!

Food Adventures: Global Cuisine

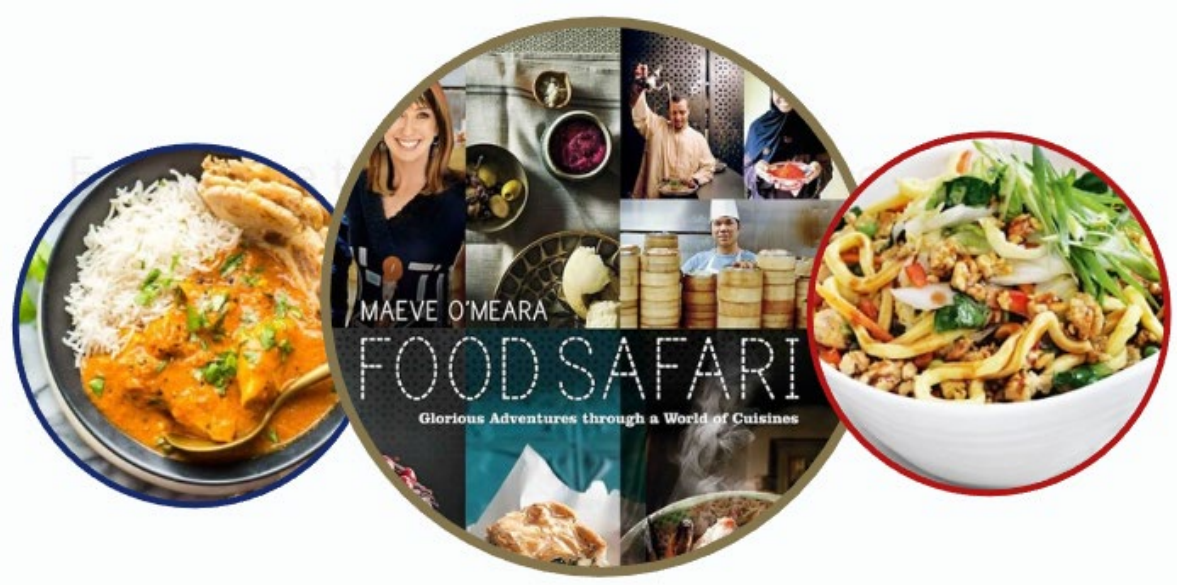
ELECTIVE

Are you passionate about food and curious about the world? This semester-long course is your gateway to exploring global cuisines while building real-world skills.

With Australia's rich multicultural food scene as our backdrop, we'll take a delicious journey through some of the world's most iconic cuisines. From the fresh, vibrant flavours of the Mediterranean to the aromatic spices of Asia and the bold, exciting combinations of chocolate and chili in South America, you'll prepare and cook a variety of mouth-watering dishes.

Along the way, we'll explore how Australia has embraced these global flavours, uncover the origins of key ingredients, and discover how traditional and modern technologies shape the way food is made. You'll get to design, create, and innovate in the kitchen while learning about the cultural stories behind the meals.

Food Technology sets you up for future pathways in Years 10-12, including Food, Cooking and Nutrition, or even Vocational Education Certificates I & II in Hospitality and Cookery. You'll be assessed through hands-on cooking and your understanding of food origins, processes, and production.



Science

CORE

In Year 9 Science students will cover all three strands of the Australian Science Curriculum. This includes Science Understanding, Science as a Human Endeavour and Science Inquiry. In Biology, students will study the interactions of our body systems in the maintenance of our internal conditions, they will learn about the Carbon Cycle in Earth Science, the properties of conduction, convection and radiation in Physics and the structure of atoms and how this relates to chemical reactions in Chemistry.

In Year 9 students consider the operation of systems at a range of scales and how those systems respond to external changes in order to maintain stability. They explore ways in which the human body system responds to changes in the external environment through physiological feedback mechanisms and the reproductive processes that enable a species to respond to a changing environment over time. They are introduced to the notion of the atom as a system of protons, electrons and neutrons, and how this system can change through nuclear decay. They learn that matter can be rearranged through chemical change and that these changes play an important role in many systems. They are introduced to the concepts of conservation of matter and energy and begin to develop a more sophisticated view of energy transfer. They explore these concepts as they relate to the global carbon cycle. Students begin to consider how well a sample or model represents the phenomena under study and use a range of evidence to support their conclusions.

Science & Engineering

ELECTIVE

Year 9 Science & Engineering is a hands-on, project-based subject for students who enjoy solving real-world problems and want to explore science through a STEM lens. It combines elements of science, maths, technology, and design to support students in creating, testing and improving their own ideas.

This course encourages students to think like engineers—designing, building and refining solutions to authentic challenges. Using the engineering design process, students will explore practical problems and develop projects that reflect their interests and creativity. The subject draws together concepts from Science, Mathematics, Design and Technologies, Computing, and even Construction, creating an engaging, cross-curricular learning experience. Students will work both independently and in teams to investigate, prototype and improve products, services or systems that respond to real needs. Whether it's improving everyday objects or creating innovative solutions to environmental issues, learners are encouraged to ask their own questions and shape their projects around what matters to them. Year 9 Science & Engineering offers a dynamic and flexible learning environment, ideal for students who enjoy hands-on learning and want to see how science connects to the world around them.

Science Advanced

ELECTIVE

Year 9 Science Advanced is a subject designed for students with a strong interest and aptitude in science. It offers an enriched learning experience with deeper exploration of core topics from Chemistry, Physics and Biology, while supporting the development of practical and investigative skills.

This course is ideal for students who enjoy asking questions, exploring ideas, and getting hands-on in the lab. Drawing on content from both the Year 9 and 10 Science curriculum, students will investigate core topics in Chemistry, Physics, and Biology. This includes atomic structure, chemical bonding and reactions, forces and motion, and the structure and function of cells, including cellular chemistry and enzyme activity. A strong focus is placed on developing laboratory skills, such as accurate measurement, safe handling of equipment, observation and data recording, and working methodically through experimental procedures. Students will work both independently and in teams to carry out investigations and improve their confidence in scientific settings. This subject provides excellent preparation for senior science pathways in TASC subjects.

BRONZE AWARD

In Year 9, students will have a double lesson a week dedicated to participating in The Duke of Edinburgh Bronze Award. This Award is all about students challenging themselves to achieve set goals whilst making a positive impact on the lives of others through community service, improving their health and fitness, learning valuable practical and social skills for career development and taking up the opportunity for some adventure.

Students can choose what they do for each section. This can be continuing an activity they are already involved in, or they could start something entirely new and learn new skills and develop new interests.

The Award's structure is as follows:

Voluntary Service

Challenge yourself to be a responsible, caring member of the community.

Physical Recreation

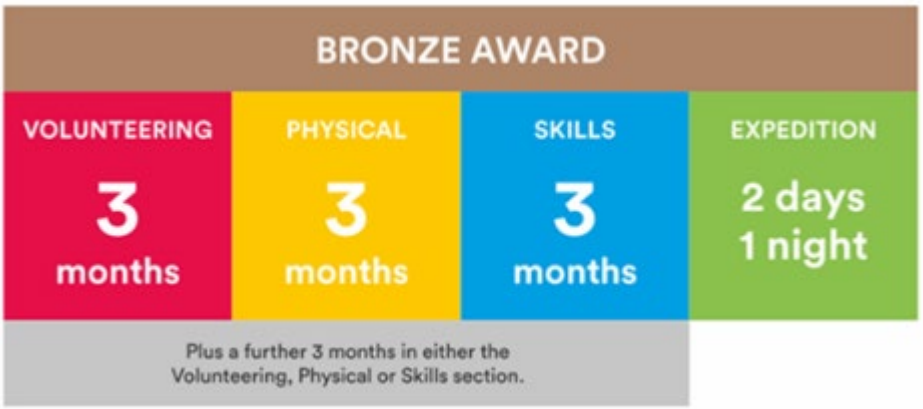
Challenge yourself to improve your health, fitness and performance.

Skills

Challenge yourself to improve your skills and widen your interests.

Adventurous Journey

Challenge yourself to journey and explore the world around you.



We look forward to seeing our students achieving their desired goals and growing wholistically through this Award. Those who enjoy the experience can choose to continue with the Silver and Gold levels in Years 10 - 12.

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MacKillop
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