



# St Patrick's College

Year 7 and 8

Curriculum Guide

2024

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# Curriculum Overview

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## Welcome to Year 7 and 8 at St Patrick's College!

In this handbook, you'll find essential information about the subjects and courses of study for Year 7 and Year 8. Our goal is to provide a rich and engaging educational experience that fosters both depth and breadth of knowledge. Across all learning areas we're committed to supporting your child's growth and development. Explore the diverse subjects offered and embark on an exciting learning journey with us!

## Core Subjects

Core subjects for students in Years 7 and 8 are studied throughout the year and include:

- Religious Education
- English
- Mathematics
- Science
- Humanities (including History, Geography, Economics and Business, and Civics and Citizenship)
- Languages - French
- Health and Physical Education

## Elective Subjects

Elective subjects cover the breadth and depth of the Arts and Technologies learning areas. They are studied on a rotational basis for one term each.

### The Arts:

- Visual Art
- Drama
- Music
- Dance (from 2025)

### Technologies:

- Digital Technologies
- Design Technology – Food
- Design Technology – Food, Fibre and Production (Agriculture)
- Design Technology – Materials (Woodwork)

# Religious Education

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## Where It All Began

In this unit, students explore the beginnings of the Christian faith from around 6 BCE to 650 CE. They learn about key people and events that shaped the development of Christianity, including early Church communities, religious men and women, and Australian Catholic Church communities. Students examine the cultural and historical influences on these communities and explore the common beginnings of faith shared by Christianity, Judaism, and Islam. They also investigate the significance of sacred texts, such as the Apostles Creed, Nicene Creed, and the Decalogue, and the role of prayer, ritual, sacraments, and sacred texts in the faith journey of believers.

## Let There Be Light

In this unit, students delve into the significance of light in religious symbolism, particularly in Christianity. They explore the symbolism of light in sacred texts and its representation of God's presence and guidance. Students investigate the role of key figures, such as Jesus and St. Paul, in spreading the message of light and examine the impact of their teachings on the development of Christianity. They also consider the importance of prayer, ritual, and sacred texts in nurturing the faith journey of believers, both personally and communally.

## Doing Good – What if everybody did?

In this unit, students investigate the concept of doing good within various religious traditions, focusing on Christianity, Judaism, and Islam. They explore the origins and shared beginnings of these monotheistic faiths, examining how sacred texts, Church teachings, and principles of morality guide believers toward the common good and God's ideal of love. The unit delves into the role of key figures and events in the development of these religions, the significance of prayer, ritual, sacraments, and sacred texts in personal and communal faith journeys, and participation in diverse prayer experiences.

## Sacraments and Sacramentality

In this unit, students explore the sacraments and the Church's liturgical year, learning how different seasons reflect on Christ's Paschal mystery and its relevance today. They study the seven sacraments—Baptism, Confirmation, Eucharist, Penance, Anointing of the Sick, Marriage, Holy Orders—and their role in continuing Jesus' ministry and supporting the faith journey. Additionally, students engage with various forms of prayer and meditation, including Lectio Divina and Ignatian Meditation, to deepen their spiritual understanding and connection with God. Through these studies, they evaluate the impact of sacraments, liturgical practices, and prayer in nurturing the personal and communal faith of believers.

# English

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## Speaking My Language

In this unit, students learn the art of persuasion. Debating a range of different topics, they speak to a variety of perspectives through the manipulation of persuasive language features. Students are taught to articulate their ideas convincingly, understanding the importance of language choice, multimodal features, and features of voice.

## Narrative Navigators

Focusing on analysis of a novel, this unit encourages students to explore character development, thematic elements, and narrative significance. They explore how text structures and language features are used to influence and engage audiences. Students articulate their ideas and connections, referencing evidence from the text to support their arguments.

## Unravelling Visual Narratives

Guiding students through an analytical exploration of visual texts, this unit delves into how visual elements and language features inform, influence, and engage audiences. Students gain an understanding of the roles of cinematography, sound, and symbolism in storytelling, while enhancing their analytical skills and critical thinking.

## A Tale Unfolds

Students embark on a creative journey into the art of storytelling. They learn to craft stories inspired by poetry written by First Nations' authors, employing a variety of literary devices to shape a story. The focus is on engaging readers through the manipulation of intriguing narrative structures, intricate characters, vivid settings, and captivating plots.

# Mathematics

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## Number Ninjas

Prepare to become a master of numbers as you join the elite squad of Number Ninjas! In "Mathematical Foundations," explore the secrets of natural numbers, primes, and exponent notation. "Square Solutions" challenges you to crack the codes of squares, square roots, and perfect numbers, refining your pattern recognition skills. Then, brace yourself for "Integer Adventures," where addition and subtraction of integers will put your strategic problem-solving abilities to the test. Sharpen your mathematical skills and cultivate a resilient mindset as you conquer mathematical challenges with ninja-like precision!

## Mathematical Marvels

In this comprehensive unit, students ascend to mathematical mastery by honing their skills in the four fundamental operations with positive fractions and decimals. Through a blend of practice and critical thinking, learners develop efficient calculation strategies and explore equivalent representations of rational numbers and percentages. Dive deep into mathematical modeling to solve practical problems in financial and real-world contexts, empowering yourself with a deeper understanding of underlying principles and their versatile applications.

## Data Detectives

Prepare for an electrifying journey through the realms of visualization, transformation, statistical analysis, and probability principles! From unraveling two-dimensional representations in "Visualizing Data" to mastering coordinate transformations in "Coordinate Conundrums," students sharpen their geometric prowess. Dive into "Statistical Investigations" to plan and conduct experiments, mastering data interpretation and measures of central tendency. Lastly, explore the thrilling "Probability Playground," where you'll list sample spaces and conduct experiments to predict outcomes, gaining valuable insights into probability principles and their real-world applications.

## Geometric Explorers

Embark on a riveting mathematical odyssey where students explore the wonders of algebraic expressions, equations, geometry, and shape classification! Journey through "Algebraic Adventures" to master linear equations and uncover solutions with precision. Delve into variation through tables of values, gaining insights into the impact of variables on outcomes. Confront geometric challenges in "Shape Shapeshifters," applying angle relationships and triangle properties to solve problems. Finally, become "Polygon Pioneers" as you classify shapes and develop algorithms to systematically sort and categorize polygons, showcasing your computational prowess

# Science

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## Particle Pioneers

Embarking on an exciting scientific journey into the world of particle theory, students are introduced to the complex and intriguing properties of matter at a sub-microscopic level. Through a series of engaging experiments and investigations, they explore how matter is composed and behaves, focusing on the separation of mixtures and the physical properties of substances. Ethical considerations and cultural impacts of scientific practices are also tackled, enhancing their understanding of science as a human endeavor..

## Bio-Quest

Venturing into the vast and dynamic realms of biological diversity and ecosystem dynamics, this unit challenges students to explore and understand the interdependencies within ecosystems and the importance of biodiversity. Hands-on experiments and field investigations allow students to predict and analyze the effects of environmental changes on ecosystems. They also learn about the historical and cultural perspectives on biological classification and its impact on scientific knowledge and environmental policies.

## Exploring Cosmic Connections

Delving into the Earth-sun-moon system, students uncover the fundamental principles of celestial mechanics. This unit provides an in-depth look at how these cosmic bodies interact and the effects of their movements on Earth's environment. Engaging in simulations and model-building activities, students visualize and predict celestial events like eclipses and tides, while considering the broader implications of these cosmic phenomena on climate, navigation, and ancient and contemporary cultures.

## Unleashing Forces

Investigating the fascinating world of physics, this unit focuses on the dynamics of motion and the forces that govern movement. A hands-on approach helps students understand how different forces act on objects and the resultant effects. Experiments are conducted to measure and analyze forces such as gravity, friction, and air resistance, providing insights into the laws of motion. Students also learn to represent their data effectively through graphs and models, enhancing their ability to communicate complex scientific ideas clearly and accurately.

# Humanities

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## Democracy Down Under

Exploring the foundational elements of Australia's democratic system, students delve into the Constitution, the legal system, and the core values that shape Australian society. This unit examines how civic rights and responsibilities are maintained and how these elements foster a cohesive and diverse community. Engaging in discussions and activities, students highlight the importance of active citizenship and democratic participation, gaining a deeper understanding of their roles within a democracy.

## Planet Protectors

Students are invited to engage with geographical phenomena focusing on environmental stewardship and urban planning in the "Planet Protectors" unit. They investigate the vital role of water in global ecosystems and the factors that define the liveability of urban spaces. Through interactive projects and critical analysis, students apply geographical knowledge to real-world scenarios, exploring sustainable practices and assessing the impact of human activities on the environment.

## Time Travelers

Delving into the rich historical tapestry of the ancient past, this unit focuses on the histories of early First Nations Peoples of Australia and the civilization of Ancient Rome. Students explore the causes, effects, and historical significance of key events and figures in these societies. They examine social, religious, cultural, economic, environmental, and political changes and continuities, with special emphasis on the significance of heritage sites and the preservation of these culturally and historically important locations.

## Money Matters

Exploring the fundamental concepts of economics and business, this unit introduces students to how societies allocate limited resources to meet the needs and wants of individuals and communities. Students investigate the rights and responsibilities of consumers and businesses, as well as different types of work and sources of income, gaining insights into the economic interactions that shape their world.



# Languages - French

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## **Bienvenue en France**

Embarking on a journey into the French language, students initially acquire essential conversational skills. Lessons cover a variety of everyday phrases and vocabulary, from greetings and introductions, to expressions of surprise and disappointment. Alongside language, cultural aspects of French life are interwoven into learning, exploring topics such as France's passion for football, popular recreational spots in Paris, the charm of French cafés and bistros, and other iconic elements of French culture.

## **C'est beau, Paris**

Students delve deeper into the intricacies of conversational French. This unit focuses on enhancing students' social interaction skills, teaching them how to greet friends and adults, inquire about wellbeing, and navigate common social scenarios such as offering, accepting and refusing an invitation. To provide a holistic cultural understanding, this unit also looks at the start of the French school year – *la rentrée*, the wonders of the French capital, Paris, and dives into French etiquette in speech and gestures.

## **Ça, c'est ma famille**

Focusing on relationships and personal connections, this unit expands students' vocabulary to encompass all things family related. The unit enables students to talk about their family, make inquiries about others' families, use numbers and talk about age, as well as use expressions of personal preferences. To supplement language skills with cultural knowledge, students learn about various aspects of French family life, including traditional and modern views on marriage, the origins of family names, and the multicultural nature of modern France.

## **Au parc zoologique**

In this unit, students explore the world of animals, zoos, and pets in French. They learn to describe animals' features, express opinions about zoos and pets, and even create a lost pet notice. Beyond language skills, this unit provides intriguing insights into French zoos and their biozones, the famous pet cemetery of Asnières, French attitudes towards animals, pet popularity in France, and the presence of Australian animals in French zoos.

# Health and Physical Education

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Unlike other learning areas, Health and Physical Education is taught in trimesters.

## Journey to Wellness

Beginning with a focus on mental health and wellbeing, this unit equips students with an understanding of resilience and self-discovery. Students will engage with topics such as stress management, emotional regulation, and positive coping mechanisms. Interactive discussions and practical activities aim to foster a well-rounded understanding of mental health, promoting habits of self-care and emotional intelligence.

## Unity in Motion

With an emphasis on the transformative power of physical activity, this unit celebrates diversity and inclusion. Students will participate in a variety of activities designed to nurture teamwork, cooperation, and mutual understanding. From inclusive sports to cooperative games, the unit underscores the importance of diversity, aiming to enhance students' physical skills and social abilities in a respectful and empathetic learning environment.

## Temple of Strength

Diving into the marvels of the human body, this unit encourages an appreciation for physical capabilities and the importance of a balanced lifestyle. Students will explore anatomy and physiology through hands-on experiments, with reflective exercises promoting a positive body image and self-worth. The goal is to nurture resilience and inspire a lifelong commitment to physical health and wellbeing.

# The Arts

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## Visual Art - “Exploring Nature Through Art”

Students embark on a creative exploration of the natural world, using it as inspiration for their artistic creations. Through a series of guided activities, they experiment with different artistic techniques and mediums, incorporating elements of nature into their artwork. This unit helps students appreciate the beauty and significance of the environment while developing their artistic skills. The culmination of their efforts is showcased in a curated exhibition, where students display their artworks and reflect on the connections between art, nature, and sustainability.

## Music - "Keys and Chords"

Delving into the world of keys and chords, students explore the fundamental elements of pitch, including keys, scales, and chords. They learn to construct major scales, identify primary triads within a key, and develop skills in playing these chords on the guitar. Opportunities to practice and perform songs that utilize these chords are plentiful, aiming to enhance students' understanding of pitch and their ability to apply this knowledge in musical performance and composition.

## Drama - "Stagecraft and Storytelling"

In this dynamic unit, students explore the art of drama with a focus on role, character, and relationships. They develop their voice and movement skills to sustain characters and situations, while employing elements such as focus, tension, space, and time to enhance their performances. Incorporating language and ideas, students use dramatic symbols to create action and evoke mood and atmosphere. They also learn to shape their performances for audiences, utilizing both narrative and non-narrative forms and production elements. By the end of the unit, students gain a deeper understanding of drama as an art form and its capacity to communicate ideas, perspectives, and meanings.

## Dance – to be introduced in 2025.

# Technologies

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## **Design Technology (Food) - "Healthy Snack Design"**

Embark on a flavorful journey delving into the art of healthy snacking! In this module, students dive into the realm of nutritious bites, guided by the principles of the Australian Guide to Healthy Eating (AGTHE). Through hands-on cooking sessions, interactive surveys, insightful KWL charts, strategic decision-making matrices, and lively discussions, students hone the skills needed to curate wholesome snack choices. Our mission? To cultivate a culture of wellness while unraveling the nuances of food design.

## **Design Technology (Food, Fibre and Production) – “Habitats & Horticulture”**

Step into the vibrant world of sustainable agriculture, where tiny heroes wield tremendous power! This unit invites students to explore the vital role of beneficial organisms in nurturing our agricultural ecosystems. From researching and selecting insect allies for horticultural small crops to crafting habitats tailor-made for home gardens, students embark on an experiential journey. Through this immersive odyssey, they uncover the intricate web of life sustaining our planet's food systems, fostering a deep appreciation for the unsung heroes of the soil.

## **Digital Technology – “Creative Coders”**

Students engage deeply with the foundational aspects of programming and data representation over the course of the term. They master the craft of designing efficient algorithms and user-friendly interfaces, guided by design thinking principles. This process sharpens their problem-solving skills as they iteratively develop solutions that adhere to specific functional requirements and constraints. Through hands-on experience in programming environments, students have the chance to thoroughly test, refine, and precisely implement their creative solutions.

# Technologies

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## **Design Technology (Materials) – “Willful Wood Working”**

Students embark on a journey of woodworking mastery, integrating safety protocols, woodworking techniques, and project design and construction into a seamless progression. Beginning with a deep dive into safety practices, including the correct use of Personal Protective Equipment (PPE) and workshop machinery, students then transition to mastering essential woodworking techniques, from marking and cutting to assembly. Guided by principles of design and sustainability, students culminate their learning by applying their acquired skills to design, plan, and construct a wooden carryall project.

# Religious Education

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## Covenant

Exploring the Scriptural texts, students delve into God's salvation plan accomplished through Jesus Christ's life, death, and resurrection. They analyse how the Trinity is represented through words and images, and scrutinize Old Testament covenant narratives and prophets' actions. The significance of initiation rituals in the Abrahamic faiths—Judaism, Christianity, and Islam—is examined, highlighting their impact on believers' faith journeys. Students also discuss the role of the early Church and its evolution from 650 CE to 1750 CE, exploring the impact of significant reformers. The course includes participation in various forms of prayer and meditative practices, enhancing spiritual understanding.

## Trinity and Baptism

Diving into Christian theology, students explore the complex concepts of the Trinity and the sacrament of Baptism. Discussions focus on the interconnectedness of the Trinity's three persons and the significance of Baptism as an initiation into Christian life. Through theological readings and reflective exercises, students articulate the implications of these doctrines for personal faith and community life, gaining a deeper appreciation of their roles in Christian spirituality.

## Church History

Students step back to the Middle Ages to assess the Church's extensive influence on society. Through a blend of research, critical reading, and multimedia, the dynamics between the Church and medieval societal structures are explored. Differentiated instruction supports diverse learning needs, with activities that include researching historical figures and events, and synthesizing findings in essays. Extension tasks and assessment preparations help deepen understanding and enable effective demonstration of historical analysis skills.

# English

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## Pictures tell the Story

Embarking on a journey through the realm of visual literacy, students learn to decode the language of visual elements as they shape audience perceptions, evoke emotions, and convey thematic messages. The unit empowers students to craft their own stories, fostering a deepened ability to communicate effectively through narrative.

## The Storyteller

Delving into the culture of our First Nations Australian Peoples, students explore a diverse range of texts that incorporate both visual and literary elements. Through critical examinations, students enhance their appreciation for cultural identity and storytelling. Students identify how texts reflect or challenge contexts through their aesthetic features and literary devices.

## Rhapsody and Revolution

Students immerse themselves in a novel, unravelling its themes, symbolism, and character portrayals. Through analytical discussions, the unit encourages a deep dive into the narrative structure and literary techniques employed by the author. This study not only enhances literary appreciation but also connects students with broader societal reflections, offering insights into the human condition and the transformative power of narrative.

## People to Remember

Students are introduced to the world of fame and glory, where personal histories and cultural identities converge. Through the examination of various texts, be it memoirs, film, songs, or short stories, the unit explores how authors articulate complex personal and social dynamics using figurative language and narrative techniques. Students create a persuasive speech, applying learned methods to express their ideas and perspectives.

# Mathematics

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## Number Adventures

Join us on an exhilarating expedition through the world of numbers! In "Mathematical Foundations," delve into the mysteries of irrational numbers, mastering their secrets within terminating or recurring decimals. Next, conquer "Exponential Escapades" as you wield the power of exponent laws to unlock new avenues for problem-solving. Finally, navigate "Thrilling Operations" with confidence, mastering the challenges of integer and rational number operations. Sharpen your mathematical skills and cultivate curiosity and resilience in the face of mathematical challenges as you embark on this exciting journey!

## Mathematical Marvels

Embark on a journey of mathematical discovery! In "Exponential Adventures," master exponent laws and calculations with positive integer exponents. Equip yourself with modeling skills to solve real-world problems in "Modelling Mastery." Unravel measurement mysteries with "Pythagorean Puzzles," and prepare for managing duration problems across time zones in "Time Zone Treasures." Challenge critical thinking, apply mathematical concepts creatively, and deepen your appreciation for mathematics in solving real-world problems.

## Mathematical Explorations: From Algebra to Measurement

Get ready for an exciting exploration of mathematics! In "Exponential Adventures," master calculations with positive integer exponents and apply exponent laws with precision. Navigate complex equations and enhance algebraic skills in "Algebraic Explorations." Solve perimeter, area, and volume problems, mastering measurement intricacies across various contexts in "Measurement Marvels." Engage in hands-on activities, interactive explorations, and real-world problem-solving tasks, fostering a deep understanding of mathematical concepts and their applications.

## Spatial Adventures and Statistical Explorations

Embark on an exhilarating journey through spatial reasoning and statistical analysis! In "Spatial Mastery," master three-dimensional positioning and explore congruency and similarity in shapes. Dive into data sampling implications, analyzing distributions and comparing variations in random samples in "Statistical Expeditions." Sharpen spatial reasoning skills and statistical literacy, gaining a deeper understanding of mathematical concepts and their applications in both spatial and statistical contexts. Get ready for a journey filled with discovery, exploration, and mathematical mastery!



# Science

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## **Cells: Would you eat lab grown meat?**

Scientists have discovered a way to produce meat using cultured cells instead of livestock. This discovery is paving the way for more ethical and sustainable food production methods and could change the way we eat meat forever. Students will chew their way through this unit to discover the fascinating world of cells, and their potential to help solve a range of global issues.

## **Body Systems: What does it take to be a cold-blooded killer?**

Until recently, scientists thought that boa constrictors killed their prey through suffocation, but a new study suggests it's another body system that fails. Students snake their way through this unit as they compare the body systems of humans with those of other animals.

## **The Nervous System: How can your gut influence your mood?**

Ever had butterflies in your stomach or felt hangry? Then you may already have a hunch about the connection between your stomach and how you feel. It turns out there's much more to this story than previously thought. In this unit, students explore cutting-edge scientific discoveries about how the gut and brain interact. These studies suggest that the health of your gut might influence your thoughts, feelings and behaviour. With this real-world context, this unit provides students with plenty of food for thought!

## **Energy: Learning from nature's energy engineers**

Engineers design machines to harness energy in new and exciting ways. Living things also rely on using and saving energy to survive. So by studying living things, we can often learn how to improve our technology. This has inspired new designs for trains, surfboards, robots and wind turbines!

## **Physical and Chemical Change: Unwrapping the secrets of chocolate**

Humans have been enjoying cocoa for millennia. Today, cocoa beans are turned into delicious, melt-in-your-mouth chocolate by a sequence of physical and chemical changes. Bite into this unit and get a taste of the chemistry of chocolate, as well as many other examples of changing matter.

## Element and Compounds: What happens if the world runs out of helium?

World supplies of helium were running low before the recent discovery of a large deposit in the East African Rift. The gas is rare on Earth because it's light enough to escape the atmosphere, but its unique properties also give it a wide range of important uses. Through this context, introduce your students to the incredible variety of elements and compounds that make up the complex world around us.

## Active Earth: Feel the earth move!

The surface of Earth is continually changing. The movement of tectonic plates causes natural hazards that are outside of our control. People living under the threat of active volcanoes, earthquakes and tsunamis can feel helpless. Learning about these natural hazards and how to mitigate them provides a sense of control and can even save lives. So how does understanding our active planet help society? Dig into this unit to find out more!



# Humanities

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## Active Citizenship in Australia

In this unit, students delve into Australia's political system, examining the role of citizens in actively participating in democracy. They explore the impact of elections, political parties, interest groups, media, and individuals on government and decision-making processes. Students analyse the legislative process in Australia, investigating the types of laws and their application. Additionally, they explore the concept of national identity, considering the factors and influences that shape it and its role in fostering active citizenship.

## Changing Nations: Urbanisation and Migration

This unit delves into the evolving human geography of countries, focusing on shifts in population distribution as a reflection of economic and social changes. Students explore the impact of urbanisation on economies and societies, particularly in low- and middle-income countries in the Asia region. The unit investigates the unique urban concentration in Australia and contrasts it with the United States, examining the reasons behind this phenomenon. Through case studies of internal migration in Australia and China, students analyse the effects of population redistribution. The unit also explores how international migration contributes to urban concentration in Australia and delves into the management and future challenges of urban areas in the country.

## Empires and Shogunates

Step into the fascinating worlds of Ancient Rome and Japan under the Shoguns. Students explore the historical significance of these two powerful societies, delving into the causes and effects of key events, developments, and turning points. They investigate the lives and impacts of significant individuals, groups, and institutions that shaped Medieval Europe and Shogunate Japan. Through engaging historical inquiry, students develop critical questions about the past and learn to analyse sources to support their understanding.

## Market Dynamics: Navigating Australian Economics and Business

Dive into the intricate world of economics and business in Australia. Students investigate the various factors that influence decision-making by individuals and businesses. They explore the role of Australia's taxation system in shaping financial decisions and support for the common good. Students learn essential skills in goal-setting and budgeting, preparing them to navigate consumer and financial contexts. This unit provides a thorough understanding of how economic principles apply in real-world scenarios, empowering students to make informed decisions.

# Languages - French

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## **C'est la fête**

Welcome to the celebration! In this unit, students dive into the lively world of French festivities. They learn to navigate conversations with greater ease as they master using numbers, asking for the day and date, and discussing plans. Students have the chance to immerse themselves in French culture as they discover the significance of various celebrations in the French calendar and talk about musical performances. Delight in the colourful tapestry of festivals that adorn France throughout the year.

## **En classe, on travaille**

Step into the world of the French school system! In this unit, students will learn the language necessary for navigating school life with confidence. From discussing timetables and subjects to sharing their academic achievements, students will become an active participant in classroom life. Master the art of asking and answering questions, following instructions, and keeping track of time. Students deepen their understanding of the French educational system as they explore its structure, traditions, timetables, and calendars, enriching their understanding of French academic culture.

## **Mes journées sont bien remplies**

Get ready for a full day of exploration! In this unit, students will become familiar with the daily rhythms of French life. Learn to arrange meetings, discuss routines, and express preferences for activities. Jump into the vibrant world of French leisure pursuits, discovering popular pastimes and discussing your likes and dislikes with confidence. Gain insights into French daily routines and recreation activities, enriching your understanding of French culture and lifestyles.

## **Bon appétit**

Prepare for a culinary adventure! In this unit, students master the language of dining as they explore French cuisine. From ordering food and drinks to expressing their preferences, students navigate the world of gastronomy. Learn about the etiquette of accepting and refusing offers, while expressing gratitude for delightful meals and proposing toasts in celebration. Indulge in the exploration of French cuisine, from traditional dishes to regional specialties, and immerse yourself in the events that celebrate the culinary delights of France.

# Health and Physical Education

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## Empowerment Through Communication

This unit focuses on empowering students to critically examine and apply assertive communication strategies, protective behaviours, and help-seeking approaches in both online and offline contexts. Students will develop the skills to evaluate health information and messages, enabling them to propose practical strategies that enhance their own and others' health, safety, relationships, and overall well-being.

## Athletic Excellence Unleashed

Students will analyse the influence of movement strategies on various movement outcomes and propose strategies to optimize health and fitness outcomes. The unit involves the application and transfer of movement skills and concepts across a range of situations, focusing on practical activities such as long jump, triple jump, shot put, discus, javelin, and sprints/relays to refine athletics skills.

## Unity in Motion

This unit promotes inclusion, fair play, and collaboration across a range of movement contexts. Students will apply and transfer movement skills and concepts to foster inclusivity and teamwork, implementing strategies to support inclusion, fair play, and collaboration in various movement contexts. Through practical activities and collaborative exercises, students will develop their movement skills, enhance their understanding of teamwork and fair play, and promote inclusivity in physical activities.

# The Arts

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## Visual Art - "Artistic Processes"

Students learn about following a process as a series of instructions, the importance of planning and developing artworks, safe use of tools and materials, and the use of digital technology in Visual Art. Through a range of 2D and 3D activities, students will acquire the skills required to participate safely in a range of Visual Arts projects. They will also gain knowledge and skills in design and art-making processes through research, selection, planning, and executing a bas-relief sculpture. Students will explore different techniques, technologies, and processes in artmaking, as well as the elements and principles of art and design.

## Music - "Music in Culture"

Come and explore music through a diverse investigation through different cultures and their contexts to today, including First Nations Australian music, emphasizing respect for Indigenous Cultural and Intellectual Property rights. They will develop creative and critical skills in listening, vocal and instrumental performance, and composition by interpreting and manipulating music elements such as pitch, rhythm, and texture. This includes composing in various genres, using aural skills and digital tools, and critically evaluating their own and others' music. Students will also present their performances to targeted audiences, integrating knowledge from their analyses and compositions into public showcases.

## Drama - "Mastering Realism and Scriptwriting"

In this unit, students deepen their drama skills through Realism, focusing on character development and narrative impact. They will perform group scenes, experiment with Realism's conventions, and engage in scriptwriting by adding scenes to a published play. The unit enhances their use of voice and movement to maintain characters, and refines dramatic elements like focus, tension, and space to improve performances. Students will also incorporate language and dramatic symbols to amplify action and mood, shaping their work for audiences using various dramatic forms. The exploration extends to drawing from diverse dramatic traditions to broaden their understanding and execution of drama.

# Technologies

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## **Design Materials - "Mastering Woodworking Techniques"**

In this unit, students will explore the core practices of the woodworking industry with an emphasis on the safe use of hand tools and machinery. The course begins with thorough safety training, focusing on personal protective equipment (PPE) and safe work methods. Following this essential safety foundation, students will progress to constructing a wooden carryall. This project provides a practical application of their skills, enabling them to demonstrate their understanding of the entire design process, from initial concept through to the final product. Key considerations such as sustainability, effective use of materials, and technological integration are emphasized. Through this hands-on experience, students will not only learn to create functional and aesthetically appealing wood products but also understand their impact on society and the environment.

## **Graphics - "Digital Designers"**

Students will deepen their proficiency in computer-aided design (CAD) by evaluating and creating sophisticated designs. The curriculum is structured to enhance students' technical skills in generating, developing, testing, and communicating design ideas, employing appropriate graphical representation techniques and technical terminology. Project management processes will also be integrated, focusing on both individual and collaborative design solution production. Key activities include mastering fundamental and advanced functions in Inventor software, from basic drawing skills to complex assembly tasks involving race car components. Students will engage in practical applications that reinforce their understanding of design principles, project coordination, and the strategic use of digital tools in a professional setting.

## **Digital Technologies - "Digital Solutions Development"**

Students will delve into the realm of digital technologies, focusing on implementing and modifying programs with user interfaces that involve branching, iteration, and functions in a general-purpose programming language. By the end of the academic year, students will be able to distinguish between various network types, explain data representation methods, and manage digital projects efficiently. The unit aims to equip students with the skills to plan and create interactive digital solutions, defining problems in terms of functional requirements and constraints. They will design user experiences, algorithms, and user interfaces, incorporating branching and iterations, and evaluate information systems for their effectiveness, innovation, and sustainability. Through a series of engaging lessons and practical activities, students will develop their problem-solving abilities, algorithm design skills, and critical thinking in digital solutions development.

# Technologies

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## **Food Specialization - "Use It Up Feast Program"**

In this unit, students will explore food waste, innovative solutions for waste reduction, kitchen science, and nutrition over a series of weeks. They will investigate the problem of food waste, research future thinkers in the field, and develop creative strategies to combat food waste and promote healthy eating. Practical activities, such as creating muffins using commonly wasted ingredients, will reinforce their learning and understanding of sustainable food practices. Through a combination of research, hands-on tasks, and critical analysis, students will engage with real-world issues and explore solutions for a more sustainable food future.

## **Food, Fibre, and Agriculture - "Sustainable Cultivation"**

Students will explore sustainable food production methods, with a focus on cultivating their own wicking beds. They will delve into factors influencing sustainability in agriculture, learn about plant growth, and design graphical representations of their wicking bed plans. Through hands-on activities and research, students will identify solutions to local sustainability issues and craft informative brochures on sustainable gardening practices. The unit aims to develop students' project management skills, design thinking, and understanding of sustainable food production in a practical and engaging manner.