

Year 5 & 6 Curriculum Overview

This newsletter briefly overviews the key learning across the curriculum for Term Three. Please read our newsletter each week to learn more.



INQUIRY

How do different systems impact our lives today?

An inquiry into:

- The science of different systems.
- Energy from a variety of sources can be used to generate electricity.
- Electric circuits and how they enable energy to be transferred to another place and then transformed into another form.
- Earth is part of a system of planets orbiting around a star (the Sun).

RELIGIOUS EDUCATION

As faith-filled people, students will be learning to:

- Interpret scripture readings and images
- Explores and interprets Fratelli Tutti by Pope Francis.
- Engage in and prepare class prayer and whole school prayer.
- Reflect on the school scripture story of The Road to Emmaus and its connection to the Sacrament of Holy Eucharist.

ENGLISH

As readers, students will learn to:

- Analyse language and visual elements of picture storybooks
- Infer the author's message or theme and express opinions about texts read, justifying with evidence
- Identify, describe and discuss similarities and differences between texts, including those by the same author and illustrator.

As writers, students will learn to:

- Expand their vocabulary when using descriptive language to describe characters and settings
- Plan, draft and publish a narrative that includes appropriate text structures and language features to meet the purpose of entertaining the audience
- Plan, draft and present a debate that includes the appropriate structure and language features to meet the purpose of persuading the audience

As communicators, students will learn to:

- Participate in formal and informal debates
- Rehearse and deliver presentations to a specific audience and purpose
- Identify and understand the use of language in formal and informal understandings

MATHEMATICS

As mathematicians, in *Number and Algebra*, students will learn to:

Year 5

- Express natural numbers as products of their factors, recognise multiples and determine if one number is divisible by another.
- Solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient mental and written calculation strategies.
- Solve problems involving division, choosing efficient mental and written strategies.
- Recognise and explain the connection between multiplication and division as inverse operations.
- Find unknown values in numerical equations involving multiplication and division.

Year 6

- Identify and describe the properties of prime, composite, square and triangular numbers and use these properties to solve problems and simplify calculations
- Multiply and divide decimals by multiples of powers of 10

As mathematicians, in *Measurement and Geometry*, students will learn to:

Year 5

- Estimate, measure and compare angles using degrees.
- Construct angles using both 180° and 360° protractors
- Recognise that angles have arms and a vertex

Year 6

- Investigate angles on a straight line, angles at a point and vertically opposite angles. Use results to find unknown angles.
- Identify the size of a right angle as 90° and define acute, obtuse, straight and reflex angles.
- Measure, estimate, and compare angles in degrees and classify them according to size.
- Recognise and use the two alternate conventions for naming angles.

As mathematicians in *Statistics and Probability*, students will learn to:

Year 5

- List outcomes of chance experiments involving equally likely outcomes and represent probabilities of those outcomes using fractions.
- Recognise that probabilities range from 0 to 1.

Year 6

- Describe probabilities using fractions, decimals and percentages.
- Conduct chance experiments with both small and large numbers of trials using appropriate digital technologies.
- Compare observed frequencies across experiments with expected frequencies.

SPECIALIST PROGRAM

ITALIAN

As learners of Italian, students will learn to:

- Research one of the 20 Italian regions, including the location, capital city, regional flag, famous landmarks, regional dishes, and festivals, then present findings
- Demonstrate an understanding that there are different dialects in Italian.
- Continue to use digital technology appropriately to assist with their research.
- Display confidence with pronunciation and intonation when speaking, reading and presenting.

STEM

As designers, students will learn to:

- Use the learning assets of a collaborator and communicator when working with partners.
- Explore, create, program (Code), test, and reflect with the **LEGO Spike Essential** Kit.
- Explore the coding language with the **MICRO: BIT** by creating, designing and completing various challenging projects.
- Use an engineering design process, which includes defining a problem with success criteria, making different prototypes, establishing systematic testing procedures, analysing data to improve solutions, and describing why their solution is the best.

PHYSICAL EDUCATION

As active people, students will learn to:

- Demonstrate basic and complex physical skills and apply them in individual, group, and team games and physical activities.
- Perform and practise their motor skills through 'Sports Day' games and activities.
- Continue to follow the rules and procedures of games to play safely and fairly.
- Continue to practise the appropriate skills to promote a safe environment.

VISUAL ARTS

As artists, students will learn to:

- Reflect on their art-making and communicate processes, successes and challenges.
- Explores different materials, techniques and processes in their art making.
- Identify and discuss how ideas are expressed in artworks from various places, times and cultures.

THE RESILIENCE PROJECT

Students will learn to:

- Understand that emotions are very in-depth and robust depending on the individual.
- Identify and group together different emotions.
- Identify and discuss a situation where strong emotions occur.
- Develop strategies to deal with conflict.
- Understand and explain why some strategies are more effective when dealing with conflict.
- Reflect on their behaviour and how that impacts the outcome of situations

IMPORTANT DATES

30/7/24 Yr 5/6 - Incursion - Engineers Without Borders
7/8/24 SSV Year 3 - 6 Coburg District Athletics Carnival
13/8/24 Yr 5/6 - Fire Fighter Victoria Visit
15/8/24 Whole School Mass Feast Of Assumption
19/8/24 - 23/8/24 BOOK WEEK Activities
26/8/24 2:30 pm - Lyneham High School Band whole school performance
28/8/24 & 3/9/24 Years 3- 6 - CYBER-SAFETY sessions
28/8/24 Author Visit, Sofie Laguna
28/8/24 P&F - Fathers' Day stall
30/8/24 Fathers' Day Breakfast and Activities