



Year 6 - Term 4 2026

Curriculum Overview

Mathematics

Number, Algebra and Probability

Students will further develop their proficiency and positive attitudes towards mathematics by solving problems involving fractions, decimals, and percentages of a quantity, including percentage discounts, while choosing efficient calculation strategies and using digital tools where appropriate. They will recognise and apply rules that generate growing patterns and number patterns involving natural and rational numbers and use computational thinking to develop algorithms for finding unknown values in patterns. In addition, students will describe and compare probabilities of events numerically and observe long-run frequencies through repeated chance experiments and simulations.

English

The Wild Robot

Students will study the novel "The Wild Robot" to explore themes of relationships and ethical dilemmas in both real and imagined settings. They will examine how authors use narrative structures, language features, and literary devices to engage readers and convey meaning. Students will also analyse the author's style and how language choices shape the story. Building on this, they will plan, write, edit, and publish their own imaginative narratives, focusing on creating cohesive paragraphs, using complex sentences, and experimenting with vocabulary and literary techniques. Additional texts will support their understanding and extend their learning throughout the unit.

Health & Physical Education (HPE)

Swimming

Students will take part in the school swimming program, where they will learn and revisit a range of swimming strokes. Throughout the term, they will continue to develop their skills in freestyle, backstroke, breaststroke, butterfly, and race diving. In addition, students will be preparing for their upcoming swimming carnival, giving them the opportunity to practise their techniques and build confidence in a supportive environment.

Transitioning

Students will examine the feelings, challenges, and issues that come with moving to secondary school. They will explore both the similarities and differences they may experience and develop an understanding of how diversity has a positive influence on individuals and communities.

Digital Technologies

Decoding data

Students explore how computers represent and process information using binary code. Through hands-on activities, they investigate on/off states, convert numbers into binary and encode images. Students examine ASCII code, decoding and creating coded messages to understand how digital systems store text.

Chinese

What is character?

Students will engage in listening, speaking, reading and writing activities in Mandarin. They will continue to explore vocabulary and sentence structure relating to personal qualities, abilities and physical appearance.

Science

Physical Sciences

Students will explore how electricity works by building real and virtual circuits. They'll learn about the role of components like switches, and what's needed for electrical current to flow. Students will investigate conductors and insulators, plan and carry out fair tests and practise measuring and recording data accurately using tools like ammeters and multimeters. They'll create circuit diagrams and learn to use standard units such as volts and amperes. Safety is a key focus, with students identifying risks and learning about electrical hazards. They'll also explore how electricity is used safely at home and in the community.

Music

Global Rhythms Journey

Students will continue their folksong journey starting in Africa and exploring the Djembe as a communicating instrument. This journey will end back here in Australia singing and comparing a few Aussie and Indigenous classics. They will review their knowledge of musical instruments commencing with the human voice and the development of the Modern Orchestra from the Renaissance to today. The semester will conclude with the preparation and musical performances for the Year 6 Graduation.

Humanities and Social Sciences (HASS)

Making Decisions to Benefit the Community

Students will explain ways that resources can be used to benefit individuals, the community and the environment.