



THE GAP STATE SCHOOL CURRICULUM OVERVIEW Year 6 Term 3 2025

Science

Our Changing World

In this unit, students will:

- explore how sudden geological changes and extreme weather events can affect Earth's surface
- consider the effects of volcanoes on Earth's surface and how communities are affected by these events
- gather, record and interpret data relating to weather events, students explore the ways in which scientists are assisted by the observations of people from other cultures such as Asia
- investigate how predictions of weather events can be improved by gathering data.

Physical Education *Specialist Teacher*

In this unit, students will refine their fundamental ball skills of catching and throwing; under arm, over arm, one handed shoulder pass and chest passing. They will use these skills to apply strategies for working co-operatively and apply rules fairly in various modified ball sports.

English

Novel Study

Through a novel study, students will explore themes of interpersonal relationships and ethical dilemmas in imagined settings. Through texts, students will identify narrative text structures and language features, recognising how authors often adapt these. They will identify and explain author style and analyse how language features work together to meet the purpose of the narrative. Students will plan, create, edit and publish a written imaginative text, organised into characteristic stages and phases of a narrative.

Spelling

- Spelling Mastery
- Year 6 Spelling (aligned to the Australian Curriculum)

The Arts

Music *Specialist Teacher*

In this unit, students learn to sing, play classroom percussion and ukulele, move and create. Students will perform, read and write music containing a range of rhythmic elements in simple and compound metre. Melodically, they will work within the pentatonic and diatonic scales.

Media

In this unit, students create a documentary style film.

Design Technology *Specialist Teacher*

In this unit students will explore how competing factors and technologies influence the design of a sustainable packaging service which provides a plant for the preparation of a healthy food product.

Mathematics

In this unit, students will develop understandings of:

Money and Financial Mathematics - connect fractions and percentage, calculate percentages and discounts, calculate discounts of 10%, 25% and 50% on sale items.

Number and Place Value - identify and describe properties of prime, composite, square and triangular numbers, multiply and divide using written methods including a standard algorithm, solve problems involving all four operations with whole numbers, locating and representing positive and negative integers and solving problems involving integers. **Location and Transformation** - identify the four quadrants on a Cartesian plane, plot and locate ordered pairs in all four quadrants, applying one-step transformation and describe the effect of combinations of translations, reflections and rotations.

Patterns and Algebra - create and complete sequences involving fractions and decimals, describe the rule used to create the sequence and apply the order of operations to aid calculations when solving problems.

Fractions and Decimals - add and subtract fractions with related denominators, calculate a fraction of a quantity, multiply and divide decimals by powers of ten, add and subtract decimals, multiply decimals by whole numbers, divide numbers that result in tenths and hundredths and solve problems involving fractions and decimals.

Using Units of Measurement - connect decimals to the metric system, convert between units of measure, comparing length and solve problems involving length and area and connect volume and capacity.

Social Skills Program: You Can Do It

Organisation – Confidence - Persistence

Resilience - Getting Along.

Humanities and Social Sciences Geography

Australia in a diverse world

How do places, people and cultures differ across the world?

In this unit, students will:

- examine the geographical diversity of the Asia region and the location of its major countries in relation to Australia
- investigate differences in the economic, demographic and social characteristics of countries across the world
- consider the world's cultural diversity, including that of its indigenous peoples
- identify Australia's connections with other countries
- organise and represent data in large- and small-scale maps using appropriate conventions
- interpret data to identify, describe and compare distributions and trends
- present ideas, findings and conclusions in a range of communication forms that incorporate source materials, mapping, communication conventions and discipline-specific terms.

Languages Other Than English: Chinese *Specialist Teacher*

Currency, Shopping & Bargaining

In this unit, students will explore the cultural concept of bargaining when shopping for goods in China compared to Australia. Students will perform a scripted dialogue incorporating learnt vocabulary and phrases, as well as reflect on bargaining as a cultural exchange to demonstrate their knowledge and understanding.