



# THE GAP STATE SCHOOL CURRICULUM OVERVIEW

## YEAR 6

### Term 2 2025



#### Science

##### Energy and Electricity

In this unit, students will investigate electrical circuits as a means of transferring and transforming electricity. They will design and construct electrical circuits to make observations, develop explanations and perform specific tasks, using materials and equipment safely. Students will explore how energy from a variety of sources can be used to generate electricity and identify transformations.

#### English Informative Texts

In this unit, students will engage with a variety of informative texts incorporating texts by First Nations Australians, Australian and world authors. These may include reports, reviews, procedures, biographies and autobiographies.

Students will explore content about a wide range of topics of interest or topics being studied in other curriculum areas.

They will identify text structures and features including headings, timelines and images and how these inform the reader and improve access to the information in texts.

Students will create a report to present to an audience.

#### Spelling

- Spelling Mastery
- Year 6 Spelling (aligned to Version 9 of the Australian Curriculum)

#### Maths

In this unit, students will develop their understandings of:

**Number and place value** - select and apply mental and written strategies and digital technologies to solve problems involving multiplication and division with whole numbers, and identify, describe and continue square and triangular numbers.

**Fractions and decimals** - apply mental and written strategies to add and subtract decimals, solve problems involving decimals, make generalisations about multiplying whole numbers and decimals by 10, 100 and 1 000, apply mental and written strategies to multiply decimals by one-digit whole numbers, and locate, order and compare fractions with related denominators and locate them on a number line.

**Patterns and algebra** - continue and create sequences involving whole numbers and decimals, describe the rule used to create these sequences and explore the use of order of operations to perform calculations.

**Using units of measurement** - make connections between volume and capacity.

**Shape** - problem-solve and reason to create nets and construct models of simple prisms and pyramids.

**Geometric reasoning** - make generalisations about angles on a straight line, angles at a point and vertically opposite angles, and use these generalisations to find unknown angles.

#### Technologies

**Design Technology:** *Specialist teacher*  
*Continued from Term 1*

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.

#### Humanities & Social Sciences Global Citizens

In this unit, students will:

- recognise the responsibilities of citizens in Australia's democracy.
- consider the shared values and identify different points of view.
- examine continuities and changes in the experiences of Australian democracy and citizenship, including the status and rights of Aboriginal and Torres Strait Islander Peoples, women and children.
- investigate stories of groups of people who have migrated to Australia since Federation.
- evaluate the contribution of individuals and groups to the development of Australian society since Federation
- sequence information about events and represent time by creating timelines and present ideas, findings, viewpoints and conclusions in a range of communication forms that incorporate source materials.

#### Chinese

*Specialist Teacher*

In this unit, students explore the concept of character as reflected in personality traits and qualities of real people and imaginative characters in Chinese-speaking cultures and Australia.

#### The Arts: Music

*Specialist Teacher*

In this unit, students learn to sing, play instruments, 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 scale and be introduced to notes within the diatonic scale.

#### Physical Education *Specialist Teacher*

In this unit, students will continue to refine the fundamental movement skills needed to participate in track and field events  
**Health** In this unit, students will explain the influence of people and places on identities. Students will examine how sharing traditional foods from different cultures can support community wellbeing and cultural understanding.