



# THE GAP STATE SCHOOL CURRICULUM OVERVIEW

## YEAR 6

### Term 4 2024



#### Science

##### Life on Earth

In this unit students will:

- develop an investigable question and design an investigation into simple cause and effect relationships including identifying variables to be changed and measured and potential safety risks
- collect, organise and interpret data to identify environmental factors that contribute to mould growth in bread and explain how scientific knowledge helps to solve problems.

#### English

##### Justifying opinions on real world topics

In this unit, students engage with a variety of persuasive texts including digital texts, that explore themes of ethical dilemmas in real world settings. Students examine texts for persuasive techniques and devices, including language choices that evoke emotion and judgements in direct and indirect ways. They explore the use of objective and subjective language and identify bias.

##### Spelling

Spelling Mastery

Year 6 spelling aligns with the Australian Curriculum

##### The Arts: Music *Specialist Teacher*

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

#### Mathematics

In this unit, students will develop understandings of:

##### Number and Algebra

- Solve problems involving finding a fraction, decimal or percentage of a quantity and use estimation to find approximate solutions to problems involving rational numbers and percentages.

##### Probability

- Assign probabilities using common fractions, decimal and percentages.
- Conduct simulations using digital tools, to generate and record the outcomes from many trials of a chance experiment
- Compare observed frequencies to the expected frequencies of the outcomes of chance experiments.

#### Humanities and Social Sciences

##### Making Decisions to affect the Community.

In this unit, students will:

- examine how to distinguish between needs and wants
- identify why choices need to be made about how limited resources are used
- investigate how different types of resources are used by societies to satisfy needs and wants of present and future generations
- describe a variety of factors that influence consumer choices
- identify and present findings about different strategies that can be used
- help make informed personal consumer and financial choices.

##### Chinese *Specialist Teacher*

*Chinese Characters:* In this unit, students will learn about historical origins and evolution of the Chinese writing system. This includes the meanings of the different components and types of Chinese characters and the importance of learning correct stroke order for a number of common characters. They will use Chinese Writer App on their iPads, and participate in traditional calligraphy activities to practice and memorise basic characters. A written assessment on this topic will be completed.

*Chinese Food:* Students will learn about Chinese regional cuisines, popular Chinese snacks and lunchbox foods. They will sample some popular Chinese snack foods, as well as learn how to use chopsticks.

#### Technologies

##### Digital 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.

##### Social Skills Program

###### You Can Do It

- Organisation
- Confidence
- Persistence
- Resilience
- Getting Along.

#### Health and Physical Education

##### Physical Education *Specialist Teacher*

In this unit, students will participate in the Water Safety Swimming Education Program and develop skills to be safe around all aquatic environments.

##### Health - Transitioning

In this unit students will explore the feelings, challenges and issues associated with making the transition to secondary school. They will devise strategies to assist them in making a smooth transition.