# Year 6 Curriculum Map Term 1, 2025

### Information for Parents & Carers

#### Maths

- Students further develop proficiency and positive dispositions towards mathematics and its use as they:
- expand the repertoire of numbers to include rational numbers and the use of integers in practical
- contexts such as locating points in the four quadrants of a Cartesian plane
- build fluency of understanding to solve arithmetic problems involving all four operations with natural numbers
- use combinations of transformations to create tessellating patterns.
- conduct a statistical investigation to determine the mode and range of data, discuss the shape of distributions and communicate findings.

#### Assessment: Number and Space

To locate and represent ordered pairs on the Cartesian plane and create tessellating patterns using combinations of transformations.

#### Statistical investigation

To compare distributions of data. To critique arguments presented in advertisements based on statistics.

### Science

#### Teaching, Learning & Assessment:

Students investigate the properties of the 3 main states of matter, along with the changes that can be made to materials and how these changes are classified as reversible or irreversible. They plan investigation methods using fair testing to answer questions. Students identify and assess risks, make observations, accurately record data and develop explanations.

# LOTE

Teaching and Learning: Students use language to explore the concept of housing in Japan and make connections with the student's own personal spaces. They will describe various household items and identify both similarities and differences between Australian and Japanese spaces.

#### Assessment: Collection of work

Students design their own special place using elements from class and write about it in Japanese and English.

### Technology

English

Teaching and Learning: Students engage with a

variety of biographies including Australian

migrants and First Nations Australians. They

identify text structures and features including

headings, timelines and images and how these

inform the reader and improve access to the

Writing: Students create a biography and use

multimodal elements to present to an

Reading Comprehension: To read, view and

comprehend informative texts.

information in texts.

Assessment:

audience.

Teaching and Learning: Students explore how competing factors and technologies influence the design of a sustainable service which provides a plant for the preparation of a healthy food product. Students apply processing and production skills such as investigating, generating designs, criteria for success, production, evaluating and collaborating.

Assessment: Students will design a service that provides an edible plant that can be used to create a heathy food product.

### Humanities and Social Sciences (HASS)

Teaching and Learning: Students will investigate the inquiry questions 'what does it mean to be an Australian citizen?' and 'How have experiences of democracy and citizenship differed between groups over time and place?' They will 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, migrants and children.

Assessment: Students use sources to investigate and identify the rights and responsibilities of Australian citizens today and the experiences of Australian democracy and citizenship for different groups in the past.

## The Arts

Teaching and Learning: In this unit, students make and respond to music exploring the music-making of other cultures through their music journal. Students will explore dynamics and expression, using aural skills to identify and perform rhythm and pitch patterns of music from different cultures.

Assessment: Students perform, compose and respond to music from other cultures.

### Health & Physical Education

Teaching and Learning: Students explore drink products that contribute to health and wellbeing. They focus on investigating a variety of drink options including soft drinks, energy drinks and fruit juice, and the effects they have on the body.

Assessment: Students describe their own and others' contribution to health and wellbeing. They access and interpret health information, and apply decision-making skills to enhance their own and others' health and wellbeing.

#### PE: AFL Blitz

Teaching, Learning & Assessment: Students will develop and perform the specialised movement skills of passing, kicking and catching in modified AFL game situations while participating in AFL Queensland's 'AFL Blitz Program'.

