



## Year 6 Learning Overview – Term 3, 2020

### English

This term, the Year Six students are learning to write and analyse the text structure of informative texts. First, students view, listen to, read and analyse different informative texts focusing on the features and the vocabulary. Students will read and then analyse the literal and implied meanings of different non-fiction texts. They will be assessed on creating an information report about a natural disaster and publishing it to a webpage based on the Guide to Making Judgement.

### Maths

Students apply a variety of mathematical concepts in real-life, lifelike and purely mathematical situations. Through the proficiency strands - Understanding, Fluency, Problem solving and Reasoning, students have opportunities to develop understandings of:

- **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

### Science

This term, students will study Earth and Space Sciences in a unit called “**Natural Disasters**”. In this unit, students explore how sudden geological changes and extreme weather events can affect Earth's surface. They consider the effects of earthquakes and volcanoes on Earth's surface and how communities are affected by these events. They gather, record and interpret data relating to weather and weather events. Students explore the ways in which scientists are assisted by the observations of people from other cultures, including those throughout Asia. Students construct representations of cyclones and evaluate community and personal decisions related to preparation for natural disasters. They investigate how predictions regarding the course of tropical cyclones can be improved by gathering data.

## History

In this unit students will investigate the following key inquiry question: *How do places, people and cultures differ across the world?* Students will examine the geographical diversity of the Asia region in relation to Australia, identify Australians connections with other countries and, finally, present their ideas, findings and conclusions in a range of communication forms that incorporate source materials, mapping, communication conventions and discipline-specific terms

## Health

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. Students examine available alternatives to various drink options.

## Digital Technology

This term, Students will be participating in a unit “ **Harvesting Good Health.**” Students will 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.

## Visual Arts

Students will be investigating three different famous artists and how and why they create their artwork. Students will be assessed on picking one of the aforementioned artists, using their style to recreate a natural disaster and explaining why they have chosen that artist.

## LOTE Japanese

Grade 6 students are learning how to describe their favourite place. They will create a bilingual page for a class book called ‘Our favourite personal spaces’. It will include a labelled illustration and a short description of their favourite personal space in Japanese. For the first time at Pallara State School, students will be writing in two of the Japanese scripts. Hiragana and Kanji. To help students achieve this task they will spend 20min of each class practicing these Japanese scripts. As these lessons are on Stile students can access these lessons at home if they wish. Students are also able to come to a support lesson given during second break on Wednesday. We are all looking forward to seeing our students create.

### Assessment:

They will create connected texts of a few sentences, identifying words from other languages used in Japanese.

Instructions

- Part A: Create a bilingual page for a class book called ‘Our favourite personal spaces’. Include a picture and a description of your favourite personal space in Japanese.
- Part B: Create a glossary at the end of your page to identify borrowed words used in your description.