

Year 6 Term 4 Overview

Maths

Students will:

- add, subtract and multiply decimals
- divide decimals by whole numbers
- represent number patterns in a table and graphically
- use rules to continue patterns, write a rule to describe a pattern, apply the rule to find the value of unknown terms
- solve problems using the order of operations
- solve multiplication and division problems using a written algorithm.
- apply translations, reflections and rotations to create symmetrical shapes.
- conduct chance experiments
- record data in a frequency table
- calculate relative frequency; write probability as a fraction, decimal or per cent; compare observed and expected frequencies.
- compare primary and secondary data
- source secondary data, explore data displays in the media
- identify how displays can be misleading
- represent data from a chance experiment
- problem solve and reason by interpreting secondary data.

PCC (Purposefully Connected Curriculum) English and HASS

Students will investigate and recommend the most suitable Asian country to host the next Football (soccer) World Cup from the following list of Asian countries: Japan, China, Thailand, South Korea, India and Indonesia.

In **English** students will compare and analyse information in different and complex texts to explore the diverse characteristics of Asian Countries. They will explore the language features of informational texts to create a written report.

In **HASS** students will explore the diverse environments, peoples and cultures within the Asia region and at a global level.

Throughout the PCC the following inquiry questions will be investigated:

- How do places, people and cultures differ across the world?
- What are Australia's global connections between people and places?
- How do people's connections to places affect their perception of them?

English

Students will:

- take part in Words Their Way Spelling activities
- participate in daily on demand writing tasks
- partake in daily reading activities which incorporate guided reading and QAR
- experience shared, modelled and independent reading

Science

Students will investigate and explore various natural disasters. They will prepare a multimodal report on a selected natural disaster and explain how natural events cause rapid change to Earth's surface. Students will describe and predict the effect of environmental changes on living things.

Students will investigate the following inquiry questions:

- How do extreme weather events and natural disasters impact on the Earth's surface?
- How do these events impact on living things?
- What solutions can we develop for living things impacted by natural disasters?

The ARTS

Dance

Students will explain how ideas are communicated in dances that they make and to which they respond. They will work collaboratively to share artworks (dance) for audiences, demonstrating skills and techniques.

TECHNOLOGY

Digital Technology

Students will explore and create with Lego Spike. They will use their knowledge and skills of Lego Spike to create a device to support any aspect of home automation.

Health

Students will engage in a range of tasks related to cyber safety, growth mindset and wellbeing, health and safety and growing and changing. They will compile a collection of work based on these areas.

