

Year 5 Term 4 Overview

Maths

Students will:

- apply mental and written strategies to solve addition, subtraction, multiplication and division problems
- use estimation and rounding to check reasonableness
- solve problems involving addition, subtraction, multiplication and division
- use efficient mental and written strategies to solve problems
- read and represent 24-hour time
- convert between 12-hour and 24-hour time
- list possible outcomes of chance experiments
- describe and order chance events
- express probability on a numerical continuum
- compare predictions with actual data
- apply probability to games of chance
- make predictions in chance experiments
- explore types of data
- design data-collection questions and tools
- collect data and represent data as a column graph or dot plot
- interpret and describe data to draw a conclusion.

Science

Students will investigate the properties of light and the formation of shadows. They will investigate reflection angles, how refraction affects our perceptions of an object's location, how filter absorb light and affect how we perceive the colour of objects and the relationship between light source distance and shadow height. They will plan investigations including posing questions, making predictions and following and developing methods. They will analyse and represent data and communicate findings using a range of text including reports and labelled diagrams.

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.

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

PCC (Purposefully Connected Curriculum) English and HASS

Students will explore the impact of the Gold Rush on Australian Colonies.

In **English** students will explore and use the text structure and language features of historical narratives, to create their own historical narrative about a person involved in the Eureka stockade.

In **HASS** students will investigate the significant events and people of the Gold Rush and determine how this shaped Australian colonies.

Throughout this PCC students will explore the following inquiry questions:

- What do we know about the lives of people in Australia's colonial past and how do we know?
- How did an Australian colony develop over time and why?
- How did colonial settlement change the environment?
- What were the significant events and who were the significant people that shaped Australian colonies?

The ARTS

Drama

Students will rehearse and present drama exploring ideas and issues, roles, and character. They will begin learning about staging, rehearsal and acting skills, and present informal and formal performances to audiences. Students will experience and respond to a range of drama.

TECHNOLOGY

Digital Technology

Students will design a new senior playground for students from Years 4-6. They will follow the design thinking process of investigating, ideating, testing and evaluating the suitability of their product.

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