

# Year 6 Learning Overview – Term 4, 2020

## English

Term 4 English sees students examining: What is the purpose of a poem? Students will learn that poems can:

- entertain the reader/listener
- tell a story
- convey a message or meaning
- be on any topic — people, places and events
- use descriptive language features.

Furthermore, they will discuss how ideas can be expanded and sharpened through careful choice of verbs, elaborated tenses and a range of adverb groups/phrases. Students will choose one of the forms of poetry we have studied and write their own poem to present to the class addressing their feelings on their time as a student at Pallara State School.

## 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:

- **Chance** - 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.
- **Data representation and interpretation** - 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.
- **Patterns and algebra and Number and place value** - 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 integer problems, plot coordinates in all four quadrants, solve problems using the order of operations, and solve multiplication and division problems using a written algorithm.
- **Geometric reasoning** - measure and describe angles, apply generalisations about angles on a straight line, angles at a point and vertically opposite angles and apply in real-life contexts.

## Science

This term, Yr 6 students will study a Physical Sciences unit called **“Energy and Electricity.”** In this unit students will investigate electrical circuits as a means of transferring and transforming electricity. They will design and construct electrical circuits to make observations, develop explanations and perform specific tasks, using materials and equipment safely. Students will explore how energy from a variety of sources can be used to generate electricity and identify energy transformations associated with different

methods of electricity production. They will identify where scientific understanding and discoveries related to the production and use of electricity have affected people's lives and evaluate personal and community decisions related to use of different energy sources and their sustainability.

## HASS

In this unit, students will explore the following key inquiry questions: *What are Australia's global connections between people and places? How do people's connections to places affect their perception of them?*

## Health

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

## The Arts – Drama

In this unit students make and respond to drama, exploring the impact of natural disasters on communities including stories and accounts as stimulus.

Students will:

- explore dramatic action, empathy and space in improvisations, play-building and scripted drama to develop characters and situations in response to stimulus of earthquakes, volcanoes, cyclones and floods
- develop skills and techniques of voice and movement to create character, mood and atmosphere, and focus dramatic action
- rehearse and perform devised and scripted drama that develops narrative, drives dramatic tension, and uses dramatic symbol, performance styles and design elements to share community and cultural stories about the impact of natural disasters and engage an audience
- explain and compare how the elements of drama and production elements communicate meaning in drama about the impact of events (including natural disasters) in different communities.

## Digital Technology

This unit is a continuation on term 3's unit. 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.