



Unit of Inquiry Parent Overview

Grade: **Year One**

Duration: **Term One & Two**

How the World Works

An inquiry into the natural world and its laws; the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment.

Central Idea	Lines of Inquiry	Key Concepts
Analysing observations, helps us learn about our world.	An inquiry into: <ul style="list-style-type: none"> • using senses to make observations • changes in the sky and landscape • light and sound and how they behave 	<ul style="list-style-type: none"> • Form • Causation
Learner Profile	Summative Assessment Task	
<ul style="list-style-type: none"> • Thinker • Inquirer • Reflective 	<p>Using their senses, students will observe the weather recording their observations and the changes they notice. Through their exploration of weather and how it changes they will explain how weather varies with the seasons.</p> <p>Students will demonstrate their understanding of light explaining what makes light and how it helps us.</p>	

Learning Areas Covered

<input checked="" type="checkbox"/>	English	<input checked="" type="checkbox"/>	Mathematics
<input checked="" type="checkbox"/>	Health & Physical Education	<input checked="" type="checkbox"/>	HASS
<input checked="" type="checkbox"/>	Science	<input type="checkbox"/>	Technologies
<input type="checkbox"/>	The Arts	<input type="checkbox"/>	

English

Students will focus on the mechanics of writing. They will be exposed to exemplar written pieces and engage in independent writing. Students will continue to build simple sentences around a verb and start to make use of adjectives to make their writing more exciting. They will retell events from stories for a variety of purposes. Students provide sequenced details about ideas or events in the story using simple sentences. They will read, listen to and share a variety of material in relation to the Central Idea. They will read short texts using decoding skills. The text will have some unfamiliar vocabulary, simple and compound sentences.

Mathematics

Students will be involved in activities that require them to count on from a given number to 120 and backwards from 20, recognise and record 2's, 5's and 10's and order numbers up to 120. They will make direct comparisons to compare the length of 2 or more items and measure the length of objects using non- standardised units. They will compare the duration of time - long/short. They will also participate in solving simple addition problems using illustrations and concrete materials. Students will participate in activities to collect, sort and represent the data. In data representation and interpretation, the students will use questions to gather information making simple inferences. They will represent the data they have collected by creating a graph.

Science

In Earth and Space sciences the students will look at the observable changes that occur in the sky and landscape. In the Physical sciences they will inquire into how light and sound are produced by a range of sources that can be sensed. The students will use the science inquiry skills of evaluating and communicating to compare their observations with those of others and representing and communicating observations and ideas in a variety of ways.

HASS

Students will inquire into the weather and seasons and the ways in which different cultural groups, including Aboriginal and Torres Strait Islander Peoples, describe them.

Suggested Parent Involvement

- Observe changes in the weather.
- Predict what the weather will be like each morning using their observations of the previous day and their observations of the morning to inform their prediction.
- Watch the weather forecast and discuss probability using the terms will happen, won't happen, might happen.
- Measure rainfall and temperature.

