



# Unit of Inquiry Parent Overview

Grade: **Year One**

Duration: **Term Two**

## How We Organise Ourselves

An inquiry into manipulating materials to create movement, features and uses technologies and creative design solutions.

Central Idea	Lines of Inquiry	Key Concepts
Investigations influence design solutions	<b>An inquiry into:</b> <ul style="list-style-type: none"> <li>Manipulating materials to create movement</li> <li>Uses technology to design and create a toy</li> </ul>	<ul style="list-style-type: none"> <li>Function</li> <li>Change</li> </ul>
Learner Profile	Summative Assessment Task	
<ul style="list-style-type: none"> <li>Communicator</li> <li>Thinker</li> <li>Inquirer</li> </ul>	Students will demonstrate their understanding of push and pull to plan and create a toy that moves. They will describe the purposes of products and services within our school community.	

## Learning Areas Covered

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

### English

Students will focus on the mechanics of writing. They will be exposed to exemplar written informative pieces and engage in independent report writing. Students will use compound sentences with adjectives to enhance their writing. Students will attempt to use capitals and boundary punctuation more consistently. They will write information reports using topic-specific words. They will spell using common letter patterns and demonstrate understanding of familiar high-frequency words. They will read, view and comprehend texts and identify the text structure of informative texts. They will read texts using their knowledge of short vowels, common letter combinations and high-frequency words.

### Mathematics

Students will be involved in activities that require them to demonstrate how one- and two-digit numbers can be partitioned in different ways, eg. Tens and ones. They will practice solving problems using addition and subtraction with numbers to 20. They will participate in solving problems using mathematical modelling eg. Number lines. Students will identify the repeating unit of patterns with shapes. They will give and follow directions within a given space eg. up, down, left, right.

### Science

In Science students will explore how different pushes and pulls change motion and the shape of objects. They will describe situations where they use science in their daily lives and make scientific predictions.

### Technology

Students will identify features and uses of technologies and create design solutions. Students select design ideas based on personal preferences. They will communicate their understanding through models and labelled pictures.

## Suggested Parent Involvement

- Play with toys and identify how they move with force eg. Push a ball softly and then with a lot of force
- Read factual texts about a variety of animals and identify text features such as sub-headings, photographs and labelled pictures
- Talk about services and how they help the community eg. Post office, shops, on-line grocery delivery
- Practice cutting, sticking, gluing with a variety of art experiences

