

# 2021 Term 2 Curriculum in Year 5

at Highland Reserve State School

## English

Students listen to, read, view and interpret a range of texts that are written to persuade the reader. They apply comprehension strategies, focusing on particular viewpoints portrayed in a range of these texts. Students then create a persuasive text of their own using their knowledge of persuasive elements, in response to a stimulus.

## Maths

Students will use their knowledge of the four operations in order to solve word problems. They will be ordering and locating decimals on a number line. Students will identify features of angles, compare and estimate the size of angles, construct and measure angles. They will describe and create reflection and rotational symmetry and create transformations using symmetry through enlarging shapes and describing features of transformed shapes.

## Science

Students will describe the key features of our solar system including planets and stars. They will discuss scientific developments that have affected people's lives and describe details of contributions to our knowledge of the solar system from a range of people. With guidance, students will pose questions then plan and conduct investigations to answer questions and solve problems. They will decide on variables to change and measure to conduct fair tests. Students will communicate their ideas in a variety of multimodal texts including recording in data sheets and as a report for popular media.

## Humanities and Social Sciences (HASS)

Students will learn how to distinguish between needs and wants, and to recognise why choices need to be made about how limited resources are used. They will explore how different types of resources are used by societies to satisfy needs and wants of present and future generations. They will also investigate how a variety of factors influence consumer choices, and that different strategies can be used to help make informed personal consumer and financial choices.

## Design Technologies (T1&2)

Students investigate characteristics and properties of a range of materials, systems, components, tools and equipment and evaluate their sustainability for use. They will design and create a creature from recycled materials that show adaptations to the environment they live in. Students also examine the tools and techniques specifically used in design technologies.

## Visual Arts (T1&2)

Students will explore concepts of identity and personal development through a visual arts unit on self-portraits. Students will practice and apply a variety of techniques to develop a series of self-portraits in a range of artistic styles.

## Students will also participate in the following specialist lessons:

### Music

with Mr Howland/Mrs Barker

Students review the elements of music and use GarageBand to compose an original song. They will learn how to publish music and consider where and why people make music. Students will learn to use the elements of music to describe listening experiences in modern music.

### Physical Education

with Mrs Barker/Mr Aldridge

Athletics- Students create an athletic themed sequence using fundamental movement skills and elements of movement.  
Fitness- Students develop specialised movement skills within different fitness contexts. They participate in physical activities designed to enhance fitness, and discuss the impact regular participation can have on health and wellbeing.

### Chinese

with Mrs Burton

Students will be working on how to speak and write in Chinese to describe a person's physical characteristics.

### Digital Technologies

with Mr Moodley

Students are learning about branching and repetition algorithms this term. They will use the tutorials to learn about the different aspects of a game design in Scratch 3.0. Their final project will be a rainforest game for the year 2's.