

# 2021 Term 2 Curriculum in Year 4

## at Highland Reserve State School



### **English**

Students will examine persuasion in advertisements. They will learn how to recognise and analyse the characteristic ideas, language and techniques used in advertising and their impact on target audiences. Students will compare and analyse advertisements from different time periods. They will also create a persuasive text which demonstrates their knowledge of persuasive devices, language features and structure.

### **Maths**

Students will continue to learn to recall multiplication facts and related division facts and strategies to solve unknown problems. They will apply their mathematical understandings to calculate addition, subtraction, multiplication and division problems. They will count, represent and sequence simple fractions and will represent money values and calculate purchase prices and change. Students will identify, explore and compare 2D shapes and angles and will interpret maps that contain scales and legends.

### **Science**

Students will use games to learn about the direction of forces and the effect of contact and non-contact forces on objects. They will use their knowledge of forces to make predictions and collect data in tables and column graphs. Students will identify how science knowledge of forces helps people understand the effects of their actions. They will also attend a Street Science incursion to consolidate their knowledge of Fast Forces.

### **Technology**

Students investigate how forces and the properties of materials affect the behaviour of a product or system. They make a game and design an environment for its use. They explore the role of people in engineering technology occupations and how they address factors that meet client needs.

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

### **Physical Education**

*with Mrs Barker/Mr Aldridge*

Students create an athletic themed sequence using fundamental movement skills and elements of movement. They perform running, jumping and throwing sequences in authentic situations. Students will develop and combine fundamental movement skills to form athletic sequences and become familiar with the elements of movement and their use in athletic sequences. They will create and practise athletic-themed movement sequences that link fundamental movement skills and apply the elements of movement. Students will also develop athletic-movement sequences in authentic running, jumping and throwing situations.

### **Digital Technologies**

*with Mr Moodley*

Students are learning about sequencing and decision algorithms this term. They will use tutorials for animating and creating stories in Scratch 3.0. Their final project will be to create a guessing game about cyber safety.

### **Music**

*with Mr Howland*

Students will learn to play junk percussion on buckets, learning basic rudiments to be performed in small ensembles. They will use a range of apps on the iPad to compose, record and share their bucket beat performances.

### **Humanities and Social Sciences**

*with Mrs Jansberg*

Students will investigate the inquiry question, 'How can people use environments more sustainably?'

