

# 2021 Term 3 Curriculum in Year 6

at Highland Reserve State School

## English

Students will listen to, read, view and analyse literary and informative texts on the same topic. They will explore and evaluate how topics and messages are conveyed through both literary (imaginative) and informative texts, including digital texts. Students identify the author's purpose and analyse similarities and differences in texts. They compare and analyse the effectiveness of each text in its ability to deliver a message. They write arguments persuading others to a particular point of view using structural and language features.

## Maths

Students will learn about money and financial mathematics, calculating percentages and discounts. They will explore the link between fractions, percentages and decimals and the connection between decimals and the metric system. Students will also explore Cartesian planes and revise concepts of symmetry, reflection, rotation and translation.

## Science

Students will investigate and analyse the requirements for the transfer of electricity in a circuit and describe how energy can be transformed from one form to another to generate electricity. They will evaluate personal and community decisions related to the use of different energy sources and their sustainability. Students will be assessed on their ability to build a battery-powered racer out of recycled materials and utilise their scientific knowledge of circuitry to make it move.

## Humanities and Social Sciences (HASS)

Students will investigate what it means to be an Australian citizen. They will also examine how the experiences of democracy and citizenship differed between groups over time and place, including those from and in Asia. Students will examine continuities and changes in the experiences of Australian democracy and citizenship, including the status and rights of Aboriginal and Torres Strait Islander Peoples, women and Children. They will investigate stories of groups of people who have migrated to Australia since Federation and evaluate the contribution of individuals and groups to the development of Australian

## Design Technology

Students will investigate how electrical energy can control movement in a designed product. Students will create a battery powered racer prototype and solve a problem designed around this.

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

#### Music

Mr Howland

Student will discover the genres of music that have defined the last century. They will focus on the blues and learn how to improvise using scales and chord progressions using guitars or ukuleles to perform a known blues song.

#### Physical Education

Mr Aldridge/Mrs Barker

Students explore and describe the key features of health-related fitness and the significance of physical activity participation to health and well-being in the context of basketball.

#### Chinese

Mrs Burton

Students will learn how to ask and respond to questions about shopping, including the price of items.

#### Digital Technologies

Mr Moodley

Students will represent data using graphs and tables by completing their group's survey. They will use software to display data interactively. Students will engage with their computational skills using robotic devices. They will access Grok learning website and complete Queensland Coding Academy challenges.