

## SCIENCE

### Understanding Heat

Students will investigate sources of heat as a form of energy and how heat can be produced. They will explore how heat can be observed by touch, noting that formal measurements of heat are made using a thermometer. Students will use their knowledge and understanding of heat transference to describe the importance of selecting materials as insulators and conductors. They will plan and conduct investigations about heat and record observations which include scientific language, labelled diagrams, tables and graphs to communicate their results.

## ENGLISH

### Rules Rule!

Students will

- ♦ engage with a variety of fiction and non-fiction texts that provide a stimulus for constructing persuasive responses
- ♦ explore how texts are created, using the language of evaluation and emotion such as modal verbs, words, phrases and images, and text structures including the stages of a basic argument, to persuade
- ♦ engage in shared and independent writing and learning experiences to create persuasive responses for a particular purpose and audience
- ♦ create a short, spoken text to express a preference and opinions about a school rule for an audience of peers.

## DANCE

### Wildlife Watch

Students will make and respond to dance by exploring ways of expressing ideas and stories about the environment through dance.

They will structure movements into dance sequences and use the elements of dance and choreographic devices to express ideas and stories about the environment.

## MATHEMATICS

*Students will develop understandings of:*

**Number and place value** - count in sequences beyond 1000; represent, combine and partition three-digit and four-digit numbers flexibly; identify part-part-whole relationships in multiplication and division situations; add and subtract two-digit and three-digit numbers (written and mental strategies); recall multiplication number facts; identify related division number facts; make models and use number sentences that represent problem situations; recall addition and subtraction facts; identify and describe the relationship between addition and subtraction

**Money and financial mathematics** - represent money amounts in different ways; compare values; count collections of coins and notes accurately and efficiently; choose appropriate coins and notes for shopping situations; calculate change and simple totals

**Fractions and decimals** - represent and compare unit fractions; represent and compare unit fractions of shapes and collections; represent familiar unit fractions symbolically; solve simple problems involving halves, thirds, quarters and eighths

**Patterns and algebra** - identify number patterns to 10 000; connect number representations with number patterns; use number properties to continue number patterns; identify pattern rules to find missing elements in patterns

**Location and transformation** - describe and identify examples of symmetry in the environment; fold shapes and images to show symmetry; classify shapes as symmetrical and non-symmetrical

**Units of measurement** - order, compare and measure length, mass and capacity using standard metric units; explain measurement choices; represent and tell time to the minute on digital and analogue clocks; transfer knowledge of time to real-life contexts.

# Year 3 – Term 3

## Together We Achieve



## DIGITAL TECHNOLOGY

Students will plan and design quiz questions about the Olympics, and develop technical coding skills to create an interactive guessing game using Scratch visual programming language.

## LIBRARY

Special Days and celebrations – NAIDOC, Olympic Games, Book Week, Premier's Reading Challenge

## HUMANITIES and SOCIAL SCIENCES

### Exploring Places Near and Far

*How and why are places similar and different?*

Students will:

- ♦ identify connections between people and the characteristics of places
- ♦ describe the diverse characteristics of different places at the local scale and explain the similarities and differences between the characteristics of these places
- ♦ record and represent data in different formats, including labelled maps using basic cartographic conventions
- ♦ explain the role of rules in their community and share their views on an issue related to rule-making.

## HEALTH

### Feeling Safe

Students will learn about:

- ♦ risk taking
- ♦ rights and responsibilities of the individual
- ♦ decision-making
- ♦ bullying and strategies to deal with it
- ♦ identifying people in your life who help you to make good decisions and stay safe.

## CHINESE

### Out and about

Students will participate in listening, speaking, reading and writing activities in Mandarin. Vocabulary and sentence structure relating to food, numbers and money will be covered .

## PHYSICAL EDUCATION

### Modified Sport Games

Students will:

- ♦ practise and refine fundamental movement skills in a variety of movement sequences and situations
- ♦ perform and apply movement concepts and strategies with equipment
- ♦ adopt inclusive practises when participating in physical activities
- ♦ apply basic rules and scoring systems and demonstrate fair play when participating in physical activities.

## MUSIC

Students will use their knowledge of dynamics and expression, rhythm and structure to respond to music and songs from a range of genres. They will play short musical pieces that create mood and explore the use of percussion to enhance performance.