



OONOOMBA STATE SCHOOL
CURRICULUM OVERVIEW
Year 4
Term 4 2022

Science

Fast forces

In this unit, students will:

- use games to investigate and demonstrate the direction of forces and the effect of contact and non-contact forces on objects
- use their knowledge of forces to make predictions about games and complete games safely to collect data
- use tables and column graphs to organise data and identify patterns so that findings can be communicated
- identify how science knowledge of forces helps people understand the effects of their actions.

Maths

In this unit, students have opportunities to develop understandings of:

Number and place value — calculate addition and subtraction using a range of mental and written strategies, recall multiplication and related division facts, calculate multiplication and division using a range of mental and written strategies, solve problems involving the four operations, use estimation and rounding, apply mental strategies, add, subtract, multiply and divide two- and three-digit numbers.

Fractions and decimals — count and identify equivalent fractions, locate fractions on a number line, read and write decimals, identify fractions and corresponding decimals, compare and order decimals (to hundredths).

Money and financial mathematics - calculate change to the nearest five cents, solve problems involving purchases.

Patterns and algebra - use equivalent multiplication and division number sentences to find unknown quantities.

Using units of measurement - use am and pm notation, solve simple time problems.

Shape — measure area of shapes, compare the areas of regular and irregular shapes by informal means.

Data representation and interpretation - write questions to collect data, collect and record data, display and interpret data.

Health and Physical Education

Physical Education *Specialist Teacher* – Let me entertain you

In this unit, students perform the refined fundamental movement skills of throwing, catching and balancing and apply movement concepts to solve movement challenges.

Health *Specialist Teacher* – Health Channels

In this unit, students examine different sources of health information and how to interpret them with regard to accuracy. They identify health messages and the methods they use to influence decisions. They look at smoking as a case study of how health messages change over time. Students apply decision-making skills to different health scenarios.

English

Examining persuasion in advertisements and product packaging

In this unit, students recognise and analyse characteristic ideas and persuasive techniques including language features and devices, audio effects and visual composition in advertisements and their impact on the target audience. Students use appropriate metalanguage to describe the effects of persuasive techniques used on a breakfast cereal package.

Reading

Does it make sense? Does it sound right? Does it look right?

- Use expression, volume, pace and observe punctuation
- Comprehension strategies: literal, inferential, synthesising, evaluative

Spelling

- Year 4 Spelling Program (C2C)

Handwriting

- Consolidate Queensland cursive handwriting

Digital and Technology (Semester 2)

What's your waste footprint?

In this unit, students will explore and manipulate different types of data and transform data into information. They will create a digital solution that presents data as meaningful information to address a school or community issue (such as how lunch waste can be reduced).

Humanities and Social Sciences (Semester 2)

Sustainable Use of Places

In this unit, students will:

- explore the concept of 'place' with a focus on Africa and South America
- describe the relative location of places at a national scale
- identify how places are characterised by their environments
- describe the characteristics of places, including the types of natural vegetation and native animals
- examine the interconnections between people and environment and the importance of environments to animals and people
- identify the purpose of structures in the local community, such as local government, and the services these structures provide for people and places
- investigate how people use, and are influenced by, environments and how sustainability is perceived in different ways by different groups and involves careful use of resources and management of waste
- recognise the knowledge and practices of Aboriginal peoples and Torres Strait Islander peoples in regards to places and environments
- propose actions for caring for the environment and meeting the needs of people

The Resilience Project

Gratitude
Empathy
Mindfulness &
Emotional Literacy



The Arts (Semester 2)

Music *Specialist Teacher* – Songs of Australia

In this unit, students make and respond to music exploring songs of Aboriginal peoples and Torres Strait Islander peoples, and songs since the arrival of the First Fleet in Australia.