



OONONBA STATE SCHOOL  
CURRICULUM OVERVIEW  
Year 3  
Term 4 2022

## Science

### What's the matter?

In this unit students will:

- understand how a change of state between solid and liquid can be caused by adding or removing heat
- explore the properties of liquids and solids
- identify how science is involved in making decisions and how it helps people to understand the effect of their actions
- evaluate how adding or removing heat energy affects materials used in everyday life
- conduct investigations, including identifying investigation questions and making predictions, assessing safety, recording and analysing results, considering fairness and communicating ideas and findings
- describe how science investigations can be used to answer questions
- recognise that Australia's First Peoples traditionally used knowledge of solids and liquids in their everyday lives.

### The Resilience Project

Gratitude  
Empathy  
Mindfulness &  
Emotional Literacy

## Maths

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

- Number and place value** — recall addition and related subtraction number facts, use 'part-part-whole' thinking to interpret and solve addition and subtraction word problems, add and subtract using a written place value strategy, recall multiplication and related division facts, multiply two-digit numbers by single-digit multipliers, interpret and solve multiplication and division word problems.
- Fractions and decimals** — identify, represent and compare familiar unit fractions and their multiples (shapes, objects and collections), record fractions symbolically, recognise key equivalent fractions, solve simple problems involving fractions
- Money and financial mathematics** — count the change required for simple transactions to the nearest five cents.
- 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.
- Units of measurement** — measure, order and compare objects using familiar metric units of length, mass and capacity, represent time to the minute on digital and analog clocks, transfer knowledge of time to real-life contexts.
- Shape** - make models of three-dimensional objects.
- Location and transformation** — represent symmetry, interpret simple maps and plans.
- Geometric reasoning** — identify angles as measures of turn, compare angle sizes in everyday situations.
- Data representation and interpretation** — identify questions of interest based on one categorical variable, gather data relevant to a question, organise and represent data, interpret data displays

### Digital and Technology (Semester 2)

#### What digital systems do you use?

In this unit, students explore and use a range of digital systems including peripheral devices and create a digital solution (an interactive game) using a visual programming language.

## English

### Reading, writing and performing poetry

Students listen to, read, view and adapt Australian poems. They analyse texts by exploring the context, purpose and audience and how language features and language devices can be adapted to create new meaning. Students write and present to a familiar audience, an adaptation of a poem, using appropriate speaking skills. Students read a rhyming text and explore ways in which the language features and devices can be highlighted in performance through the use of pace, pitch, tone, volume and gesture.

### 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 3 Spelling Program (C2C)

### Handwriting

- Development of Queensland cursive handwriting

### The Arts (Semester 2)

#### Music *Specialist Teacher* – Musical Characters and Actions

In this unit, students make and respond to music by exploring the ways that characters from film, television and media are portrayed musically. This includes theme songs, sound effects and soundscapes that represent characters from television, film and media.

## Humanities and Social Sciences (Semester 2)

### Exploring Places Near and Far

In this unit, 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
- interpret data to identify and describe simple distributions and draw simple conclusions
- 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
- describe the importance of making decisions democratically and propose individual action in response to a democratic issue
- communicate their ideas, findings and conclusions in oral, visual and written forms using simple discipline-specific terms.

### 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* – I am healthy and active

In this unit, investigate the concepts of physical activity and sedentary behaviours while exploring the recommendations of physical activity for five- to twelve-year-olds. They examine the benefits of physical activity and investigate ways to increase physical activity in their lives.