



# OONONBA STATE SCHOOL CURRICULUM OVERVIEW Year 6 Term 2 2023

## Science

### Making changes

In this unit, students will:

- investigate changes that can be made to materials and how these changes are classified as reversible or irreversible
- plan investigation methods using fair testing to answer questions
- identify and assess risks, make observations, accurately record data and develop explanations
- suggest improvements, which can be made to their methods to improve investigations
- explore the effects of reversible and irreversible changes in everyday materials and how this scientific understanding is used to solve problems that directly affect people's lives.

## Health and Physical Education

### Physical Education – Athletics performance

#### *Specialist Teacher*

In this unit, students refine and perform the fundamental movement skills of running, jumping and throwing (sprints, long-jump, high-jump, and shot put). They apply movement concepts and strategies in track and field activities.

### Health – Let's all be active (Semester 1)

In this unit, students investigate how physical activity creates opportunities for different groups to work together. Students identify how physical activity contributes to individual and community wellbeing. Students collect information on physical activity participation in their school setting and explore how technology can support participation in physical activity.

## Maths

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

- Number and place value** — select and apply mental and written strategies and Digital Technologies to solve problems involving multiplication and division with whole numbers, and identify, describe and continue square and triangular numbers
- Fractions and decimals** — apply mental and written strategies to add and subtract decimals, solve problems involving decimals, make generalisations about multiplying whole numbers and decimals by 10, 100 and 1 000, apply mental and written strategies to multiply decimals by one-digit whole numbers, and locate, order and compare fractions with related denominators and locate them on a number line
- Patterns and algebra** — continue and create sequences involving whole numbers and decimals, describe the rule used to create these sequences and explore the use of order of operations to perform calculations
- Using units of measurement** — make connections between volume and capacity
- Shape** — problem-solve and reason to create nets and construct models of simple prisms and pyramids
- Geometric reasoning** — make generalisations about angles on a straight line, angles at a point and vertically opposite angles, and use these generalisations to find unknown angles.

## The Arts (Semester 1)

### Drama – Dramatic transformations

In this unit, students make and respond to drama by investigating dramatic forms that use more than the human body in role and dramatic action. These will include fantasy, mask, movement, media, props and alternative performance spaces.

### Music – Around the world with music *Specialist Teacher*

In this unit, students make and respond to music exploring the music-making of other cultures through their music journal.

## English

### Examining advertising in the media

Students read, view and listen to advertisements in print and digital media. They understand how language and text features can be combined for persuasive effect. They demonstrate their understanding of advertising texts' persuasive features through the creation of their own digital multimodal advertisement and an explanation of creative choices.

### Exploring news reports in the media

Students listen to, read and view a news report and respond to comprehension questions focusing on identifying language features and evaluating the use of language that influences the audience to accept a particular point of view about a topic.

### Reading

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

### Spelling

- Year 6 Spelling Program (C2C)

### Writing

- Consolidate Queensland cursive handwriting. Write using joined letters that are clearly formed and consistent in size.

## Digital Technology Data changing our world (Semester 1)

In this unit, students explain how information systems meet local and community needs, represent a variety of data types in digital systems and design and create an interactive spreadsheet and share information ethically.

## The Resilience Project

Gratitude  
Empathy  
Mindfulness &  
Emotional Literacy



## Humanities and Social Sciences

### Australia's global citizens

In this unit, students will:

- identify how Australia's connections with other countries change people and places
  - recognise the effects that people's connections with, and proximity to, places throughout the world have on shaping their awareness and opinion of those places
  - develop appropriate questions to frame an investigation
  - locate and collect useful information from primary and secondary sources
  - organise and represent data in a range of formats, using appropriate conventions
  - interpret data to identify patterns and trends, and to infer relationships
  - identify different points of view and solutions to an issue
  - reflect on their learning to propose action in response to an issue or challenge and describe the probable effects of their proposal
- present ideas, findings, viewpoints and conclusions in a range of communication forms that incorporate source materials, graphing, communication conventions and discipline-specific terms.

### Making decisions to benefit my community

In this unit, students will:

- investigate a familiar community or regional economics or business issue that may affect the individual or the local community
- examine how the concept of opportunity cost involves choices about the alternative use of resources and the need to consider trade-offs
- identify the effect that consumer and financial decisions can have on the individual, the broader community and the environment
- recognise the reasons businesses exist and the different ways they provide goods and services
- present ideas, findings and conclusions in a range of communication forms that incorporate source materials, communication conventions and discipline-specific terms.

## LOTE – Chinese *Specialist Teacher*

### What is character?

In this unit, students explore the concept of character as reflected in personality traits and qualities of real people and imaginative characters in Chinese-speaking cultures and Australia.