



OONONBA STATE SCHOOL
CURRICULUM OVERVIEW
Year 5
Term 2 2023

Science

Our place in the solar system

In this unit, students will:

- describe the key features of our solar system including planets and stars
- discuss scientific developments that have affected people's lives and describe details of contributions to our knowledge of the solar system from a range of people.
- with guidance, pose questions and plan and conduct investigations to answer questions and solve problems
- decide on variables to change and measure to conduct fair tests
- communicate their ideas in a variety of multimodal texts including recording in data sheets and as a report

Maths

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

- **Number and place value** — round and estimate to check the reasonableness of answers, explore and apply mental computation strategies for multiplication and division, solve multiplication and division problems with no remainders, solve problems using mental computation strategies and informal recording methods, compare and evaluate strategies that are appropriate to different problems and explore and identify factors and multiples
- **Fractions and decimals** — make connections between fractional numbers and the place value system and represent, compare and order decimals
- **Patterns and algebra** — create and continue patterns involving whole numbers, fractions and decimals; explore strategies to find unknown quantities
- **Shape** — apply the properties of three-dimensional objects to make connections with a variety of two-dimensional representations of three-dimensional objects, represent three-dimensional objects with two-dimensional representations
- **Location and transformation** — investigate and create reflection and rotation symmetry, describe and create transformations using symmetry, transform shapes through enlargement and describe the features of transformed shapes
- **Geometric reasoning** — identify the components of angles, compare and estimate the size of angles to establish benchmarks, construct and measure angles
- **Data representation and interpretation** — explore methods of data representations to construct and interpret data displays, reason with data.

English

Examining media texts

Students listen to, read, view and interpret a range of news articles and reports from journals and newspapers to respond to viewpoints portrayed in media texts. Students apply comprehension strategies, focusing on particular viewpoints portrayed in a range of media texts. They create a digital, multimodal feature article, including written and visual elements, from a particular viewpoint.

Reading

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

Spelling

- Year 5 Spelling Program (C2C)

Writing

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

Humanities and Social Sciences

Communities in colonial Australia

In this unit, students will:

- examine key events related to the development of British colonies in Australia after 1800
- identify the economic, political and social reasons for colonial developments in Australia after 1800
- investigate the effects that colonisation had on the lives of Aboriginal peoples and on the environment
- locate information from sources about aspects of daily life for different groups of people during the colonial period in Australia
- present ideas in narrative form to describe how and why life changed and stayed the same in a colonial community
- identify different viewpoints about the significance of individuals and groups in shaping the colonies
- sequence significant events and developments that occurred during the development of colonial Australia using timelines.

Participating in Australian communities

In this unit, students will:

- investigate the key values of Australia's liberal democratic system of government, particularly the values of freedom, equality, fairness and justice
- identify significant past developments, events, individuals and groups that impacted on the development of law and democracy in Australia, particularly the Eureka Stockade and Peter Lalor
- explore representative democracy and voting processes in Australia
- investigate how students enact democratic values and processes through participating in school elections
- generate alternative responses to a democratic issue and propose action by describing the positive and negative effects
- present ideas about proposed actions in response to a democratic issue.

Design and Technology

Design for nature (Semester 1)

In this unit, students investigate characteristics and properties of a range of materials, systems, components, tools and equipment and evaluate their suitability for use. They design a product to meet an identified need or opportunity for wildlife in their local area. They explore the role of people in a range of technologies occupations and the tools and techniques they use.

The Arts (Semester 1)

Dance – Adventures in dance

In this unit, students make and respond to dance by exploring ways that dance can be used to express adventure stories drawing on stimulus from movement contexts including martial arts, acrobatics, sport, exercise and other cultural forms.

Music – Going to the movies

Specialist Teacher
In this unit, students make and respond to music exploring pieces of music that tell a story, and music that appears in film.

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 – Emotional interactions (Semester 1)

In this unit, students gain an understanding of multiculturalism by examining the changing nature of Australia's cultural identity through exploring the influence of people and places. They examine how sharing traditional foods and physical activities from different cultures can support community wellbeing and cultural understanding.

The Resilience Project

Gratitude
Empathy
Mindfulness &
Emotional Literacy



LOTE – Chinese *Specialist Teacher*

What is family?

In this unit, students use language to communicate ideas relating to family and group identity.