



OONOOMBA STATE SCHOOL
CURRICULUM OVERVIEW
Year 5W
Term 4 2023

Science

Matter Matters

In this unit, students will:

- broaden their classification of matter to include gases and begin to see how matter structures the world around them
- understand that solids, liquids and gases have some shared and some distinct observable properties and can behave in different ways
- pose questions, make predictions and plan investigation methods into the observable properties and behaviours of solids, liquids and gases
- represent data and observations in tables and graphs
- identify patterns and relationships in data and compare patterns with their predictions when suggesting explanations
- suggest ways to improve fairness and accuracy of their investigation.

The Resilience Project
Gratitude
Empathy
Mindfulness &
Emotional Literacy

Maths

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

Number and place value — apply mental and written strategies to solve addition, subtraction, multiplication and division problems, identify and use factors and multiples, apply computation skills, use estimation and rounding to check reasonableness, solve problems involving addition, subtraction, multiplication and division, use efficient mental and written strategies to solve problems.

Fractions and decimals - apply decimal skills, recognise that the place value system can be extended beyond hundredths, compare order and represent decimals, locate decimals on a number line, extend the number system to thousandths and beyond.

Money and financial mathematics — create simple budgets, calculate with money, identify the GST component of invoices and receipts, and make financial decisions.

Using units of measurement — read and represent 24-hour time, convert between 12- and 24-hour time.

Location and transformation — explore maps and grids, use a grid to describe locations, describe positions using landmarks and directional language.

Geometric reasoning — estimate and measure angles, construct angles using a protractor.

Chance — list possible outcomes of chance experiments describe and order chance events, express probability on a numerical continuum, compare predictions with actual data, apply probability to games of chance, make predictions in chance experiments.

Data representation and interpretation — explore types of data, investigate an issue (design data-collection questions and tools, collect data, represent as a column graph or dot plot, interpret and describe data to draw a conclusion).

The Arts (Semester 2)

Music – Rhythmic Riot *Specialist Teacher*

In this unit, students make and respond to music by exploring the concept of ostinato — a rhythmic or melodic pattern that is repeated throughout a section or a whole piece of music.

English

Shark Tank

Students plan, create and present a persuasive pitch to persuade a panel to invest in their proposed initiative. Students take turns to sit on the panel, where they pose questions to clarify content from the developer's pitch.

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

Digital and Technology

A-maze-ing Digital Designs (Semester 2)

In this unit, students describe digital systems and their components and explain how digital systems connect together to form a network. Students create a maze game using the skills of defining, designing, implementing using visual programming, managing and evaluating.

LOTE – Chinese *Specialist Teacher*

What are personal spaces?

In this unit, students

- describe and give information about themselves and their preferences and environment
- use sentences that include details of place

Humanities and Social Sciences

Government

In this unit, students will:

- complete a Government Scavenger Hunt a scaffolded internet research task
- use a sequence of links to teacher-curated on-line resources to find answers to specific questions
- examine data and sources to identify, describe and compare patterns, trends and distributions
- infer relationships and evaluate evidence to draw conclusions.

Health and Physical Education

Physical Education *Specialist Teacher* Over the net

Students perform specialised tennis skills. They combine movement concepts and strategies during mini-tennis gameplay to open up space on the court to win points or gain control in rallies. They demonstrate fair play and skills to work collaboratively during tennis activities and games.

Health *Specialist Teacher*

Transitioning (modified for year 5)

In this unit, students investigate developmental changes and transitions, and explain the influence of people and places on identities as they transition to year 6 school leaders. Students access and interpret health information to enhance their own and others' health and wellbeing.