



Mansfield State School Curriculum Overview

Year 6 Term 4 2024



Science - Life on Earth

Protecting the Biodiversity of Moreton Bay

In this unit, students will:

- explore the environmental conditions that affect the growth and survival of living things,
- pose questions, plan and conduct investigations into the environmental factors that affect the growth of living things,
- gather, record and interpret observations relating to their investigations,
- consider human impact on the environment and how science knowledge can be used to inform personal and community decisions, and
- recommend actions to develop environments for native plants and animals.

Assessments:

Students will:

- collect, organise and interpret rubbish data to identify an environmental issue that impacts living things in Moreton Bay and to predict the impact of this issue.
- develop an inquiry question to investigate an environmental issue impacting Moreton Bay and suggest a solution

English

Analyse and compare literary and informative texts: Flood by Jackie French

In this unit students will:

- listen to, read, view and analyse literary and informative texts on the same topic,
- explore and evaluate how topics and messages are conveyed through both literary (imaginative) and informative texts, including digital texts,
- identify the author's purpose and analyse similarities and differences in texts,
- compare and analyse the effectiveness of each text in its ability to deliver a message,
- transform an informative text into a literary text for younger audiences, and
- participate in a panel discussion (aligned with the Science unit).

Assessments:

Receptive Assessment:

Students will:

- analyse and compare a literary and informative text and how they convey their message.

Productive Assessment: Panel Discussion

Students will:

- participate in a panel discussion to present own ideas, and to clarify, analyse, evaluate and challenge others' ideas

Mathematics

In this unit students will:

Number and Algebra

- solve problems involving fractions, decimals and percentages of a quantity
- apply computational approaches to develop algorithms that use rules to generate numbers
- recognise and use rules that generate growing number patterns

Probability

- describe and compare probabilities numerically
- observe and compare long-run frequencies in repeated chance experiments and simulations

Assessments:

Number – To estimate and solve problems involving rational numbers and percentages, identify and explain rules in growing patterns and create and use algorithms.

Probability - To conduct a simulated chance experiment including assigning probabilities and comparing the observed frequencies to the expected frequencies.

Humanities and Social Sciences

Making decisions to benefit the 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 findings and conclusions in a range of communication forms that incorporate source materials, communication conventions and discipline-specific terms.

Assessment:

Students explain ways that resources can be used to benefit individuals, the community and the environment.

Health and Physical Education *Specialist Teacher* Movement and Physical Activity – *Built for B-Ball* (5_6 Banded Curriculum)

In this unit, students will participate in basketball games and drills to combine movement outcomes and solve movement challenges.

Assessment: Students will propose and combine movement concepts and strategies in basketball to achieve movement outcomes and solve movement challenges.

French *Specialist Teacher*

Play: 'Comment Y Aller?' ('How Do I Get There?')

In this unit, students will learn and then perform a traditional story in French, "Comment Y Aller" (How do I Get There?) Lessons will include key vocabulary and opportunities to listen and practice speaking.

Assessment: Students will perform parts of the script in French, according to their chosen character(s).

Design and Technologies

In this unit, students will:

- investigate how electrical energy can control movement, sound or light in a designed product or system
- design a solution to an environment's need and make a prototype electrical device.

Assessment: Students will design a solution to an environment's security need and make an electrical device that is part of the solution.

The Arts - Music *Specialist Teacher*

In this unit, students continue to explore the concept of ostinato - a rhythmic or melodic pattern that is repeated. They explain how the elements of music communicate meaning by comparing music from different contexts.

Assessment: Students will compose and perform a melody in rondo form accompanied by a rhythmic ostinato. They will describe how their music making is influenced by music and performances from different times and places.