



Mansfield State School Curriculum Overview

Year 4 Term 2 2025



Science – Biological Sciences

Ready, Set Grow!

In this unit, students will:

- investigate life cycles and sequence key stages in the life cycles of plants and animals
- examine relationships between living things and their dependence on each other and on the environment
- by considering human and natural changes to the habitats, students will predict the effect of these changes on living things, including the impact on life cycles and the survival of the species
- identify when science is used to understand the effect of their own and others' actions
- identify investigable questions and make predictions based on prior knowledge
- discuss ways to conduct investigations safely and make and record observations with accuracy
- use tables and column graphs to organise their data, suggest explanations for observations and compare their findings with their predictions.

Assessment: Students will investigate how relationships of living things with their environment impacts on their life cycle.

Mathematics

In this unit, students will:

Number:

- draw on proficiency with number facts, fractions and decimals to deepen an appreciation of how numbers work
- develop and use strategies for multiplication that are based on understanding of multiplication as an operation and knowledge of laws for arithmetic operations
- become aware of the importance of context and purpose when they make judgements and reflect on the reasonableness of measurements and the results of calculations, and how they choose to represent mathematics and mathematical information
- choose and use efficient strategies when modelling financial and practical problems, communicating solutions within the context of the situation

Measurement:

- convert units of time when solving problems involving duration

Assessments:

Number and Algebra – Students use odd and even numbers, rounding and estimation to solve problems.

Number – (Monitoring) Students use mathematical modelling to solve a practical financial problem.

Number (Monitoring) – Students demonstrate their use of efficient mental computation strategies.

Measurement– Students solve duration problems by converting units of time.

English – Exploring Cultural stories from Asia and First Nations

In this unit students will:

- read, view and comprehend with a variety of cultural stories from Asia and First Nations Australians;
- identify characteristic features of cultural stories and how texts reflect contexts;
- describe how language features shape the meaning of a text;
- discuss how authors and illustrators make stories engaging by the way they develop character, setting and plot tensions and;
- use comprehension strategies such as visualising, predicting, connecting, summarising, monitoring, and questioning to build literal and inferred meaning.

Assessment:

Students will create a multimodal cultural story for a younger audience.

Students will read, view and comprehend a cultural story, identifying the key message or moral, the language features used and identify literal and inferred meaning in the text.

In Weeks 8-10, students will participate in a mini poetry unit. Students will examine the use of literacy devices and word play in poetry that shape meaning.

Humanities and Social Sciences Australia Before, During and After European Settlement (Semester Unit)

In this unit, students:

- investigate the experiences of European explorers, convicts, settlers and Australia's First Peoples, and the impact colonisation had on the lives of different groups of people
- make connections between world history events between the 1400s and the 1800s, and the history of Australia, including the reasons for the colonisation of Australia
- draw conclusions about how the identities and sense of belonging for Aboriginal and Torres Strait Islander peoples in the past and present were and continue to be affected by British colonisation and the enactment of *terra nullius*.

Assessment:

Students explain aspects of life in Australia before, during and after European settlement.

Health and Physical Education *Specialist Teacher*

Movement and Physical Activity – Bat, catch, howzat!

In this unit students will:

- apply strategies for working cooperatively and apply rules fairly
- refine striking and fielding skills and concepts in active play and games

Students will refine fundamental movement skills through performing running, jumping and throwing techniques. They will apply movement concepts and strategies in a variety of physical activities and to solve movement challenges through trialling solutions, selecting and applying concepts and strategies that enhance their performance. They will understand the benefits of being health and physically active and explain this through various body parts used.

The Arts - Music *Specialist Teacher* Songs of Australia (3-4 Banded Curriculum)

In this unit, students will make and respond to other peoples' music. They will focus on songs from Australia and other cultures.

Assessment: Students will compose their own music and perform their composition through singing and playing. They will respond to the similarities and differences between two pieces of music they listen to.

On the Cover

In this unit, students will explore media artworks that inform the making of an electronic magazine cover that appeals to a target audience.

Assessment: Students will plan and design an electronic magazine cover and reflect on how it appeals to their target audience.

Digital Technologies

Specialist Teacher

What's Your Waste Footprint?

In this unit, students will explore and manipulate different types of data and transform data into information.

Assessment: Students will collect and manipulate data to create information, describe how a familiar information system is used, and identify and explain data types and representations.