



Mansfield State School Curriculum Overview

Year 4 Term 2 2024



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 between 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.

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

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

English - Imaginative

Traditional Stories (Week 1-8)

In this unit students will:

read and analyse traditional stories from Asia and from Aboriginal peoples' and Torres Strait Islander peoples' histories and cultures demonstrate understanding of the stories by identifying structural and language features, finding literal and inferred meaning and explaining the message or moral.

Assessment: Students will create a traditional story for a younger audience. Students comprehend a traditional Asian story.

Examining Humour in Poetry Imaginative (Weeks 9-10)

In this unit, students will:

- read and listen to a range of humorous poems by different authors
- identify structural features and poetic language devices in humorous poetry
- use this knowledge to innovate on poems and evaluate the poems by expressing a personal viewpoint using evidence from the poem.

Assessment: Students will interpret and evaluate a humorous poem.

Reported in Term 3

Humanities and Social Sciences

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

In this unit, students:

- explore the diversity of different groups in their local community
- consider how personal identity is shaped by aspects of culture, and by the groups to which they belong.
- 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
- analyse the experiences of contact between Australia's First Peoples and others, and the effects these interactions had on people and the environment
- 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 describe factors that shape a person's identity and sense of belonging. Students explain aspects of life in Australia before, during and after European settlement.

Health and Physical Education *Specialist Teacher*

Movement and Physical Activity – Take your marks, get set, play

In this unit, students will practise and refine the fundamental movement skills of running, jumping and throwing in simple games and group challenges. They will explore and understand the benefits of physical activity to health and wellbeing.

Assessment:

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* Characters and Actions (3-4 Banded Curriculum)

In this unit, students will compose, perform and respond to music that represents characters and actions.

Assessment: Students will compose and perform their own lyrics that depicts a character or their action. They will respond by explaining how the elements of music were similar or different between the song they wrote and the one they listened 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.