



Mansfield State School Curriculum Overview

Year 5 Term 2 2025



Science

Earth and Space 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
- describe details of contributions to our knowledge of the solar system from a range of people
- communicate their ideas in a variety of multimodal texts

Assessment:

Students will describe key features of the solar system, how science knowledge develops from many people's contributions and explain how scientific developments have affected people's lives and solved problems. Students communicate ideas using multimodal texts.

Health and Physical Education – *Specialist Teacher*

Movement and Physical Activity – Play2Rhythm

In this unit, students will develop specialised basketball skills and create and perform a sequence of these skills to music.

Assessment: Students will perform the basketball skills of dribbling and turning. They will apply the elements of movement when composing and performing movement sequences.

English – Presenting ideas and opinions about poetry

In this unit, students will:

- engage with a variety of poetry texts by First Nation Australians, Australian and world authors;
- examine the effects of imagery including metaphors, similes, personification, sound devices and how authors use language to evoke particular emotions;
- identify aspects of poetry that represent details or information about historical, social and cultural contexts; and
- recognise that the point of view represented in a poem influences how readers interpret and respond to the text;
- share their ideas and opinions about poetry by using different text structures to organise, develop and link their thoughts; and
- practise and rehearse presenting to others.

Assessment:

Poetry – Appreciate & Responding to Poetry

Students will share and expand on ideas and opinions about a poem in a spoken task.

French - *Specialist Teacher*

In this unit, students will learn and then perform a traditional story in French, "Le Chat et la Lune" (The Cat and the Moon.) 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).

The Arts - Music *Specialist Teacher*

Around the World (5-6 Banded Curriculum)

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

Assessment: Students will compose their own music and perform their composition through singing and playing. They will respond to their music making by identifying how other people's music influenced their composition.

The Arts - Visual Arts *Classroom Teacher*

Becoming a Global Artist (Semester Unit)

In this unit, students will, develop and apply techniques and processes when making artworks, explain how visual arts conventions communicate meaning and explore ideas and practices used by artists. Students will plan the display of artworks to enhance their meaning for an audience.

Assessment: Students will create and respond to artworks.

Mathematics

In this unit, students will work on the following:

Number and Algebra

- experiment with factors and multiples using algorithms and digital tools.
- use estimation strategies to check the reasonableness of calculations.

Measurement

- apply an understanding of relationships to convert between 12- and 24- time.

Statistics (Continued from T1)

- plan, conduct and report findings from statistical investigations that involve nominal and ordinal categorical and discrete numerical data and means for representing data.
- Represent data using line graphs.

Assessments:

Number and Algebra: To express natural numbers as products of factors and identify multiples, and check the reasonableness of calculations.

Measurement: To convert between 12-hour and 24-hour time in digital and analogue formats.

Statistics– Students plan and conduct statistical investigations to collect, represent and interpret data.

Humanities and Social Sciences

People and the Environment

In this unit, students will explore the following inquiry question:

How do people and environments influence one another?

In this unit, students will:

- examine the characteristics of places in Europe and North America and the location of their major countries in relation to Australia
- describe the relative location of places at a national scale
- identify and describe the human and environmental factors that influence the characteristics of places
- examine the interconnections between people and environments
- investigate the impact of human actions on the environmental characteristics of places in Europe and North America
- organise data in a range of formats using appropriate conventions
- interpret data to identify simple patterns, trends, spatial distributions and infer relationships
- evaluate evidence about the characteristics of places to draw conclusions about preferred places to live
- present findings and conclusions using discipline-specific terms.

Assessment: Students will investigate the characteristics of places and use evidence to draw conclusions about a preferred place to live.

Digital Technologies Digital Systems (Semester Unit)

In this unit, students will investigate the functions and interactions of digital components and data transmission in simple networks.

Assessment:

Students will explain how digital systems connect to form a network and will design a maze using Scratch programming.