



# Mansfield State School Curriculum Overview

Year 5 Term 2 2024



## 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 including recording in data sheets and as a report for popular media.

#### 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.

## English - Persuasive

In this unit, students will:

- listen to, read, view and interpret a range of persuasive texts to understand how best to persuade an audience about a viewpoint
- respond to viewpoints portrayed in different types of texts
- apply comprehension strategies, focusing on particular viewpoints portrayed in a range of texts
- create a persuasive text from a particular viewpoint.

#### Assessments:

#### **Persuasive argument - Expressing Point of View**

Students will write a persuasive text to convince an audience about an issue.

#### **Reading Comprehension**

Students will interpret and analyse information from a feature article.

## 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).

## Mathematics

In this unit, students will:

### Number and Algebra

- experiment with factors and multiples using algorithms and digital tools
- find unknowns in numerical equations involving multiplication and division
- use estimation strategies to check the reasonableness of calculations
- use proficiency with multiplication facts and efficient calculation strategies
- use mathematical modelling to solve financial problems, using natural numbers and operations, and report on insights and conclusions they reach

### Measurement

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

#### Assessments:

**Number and Algebra:** To find unknowns in equations involving multiplication and division and check the reasonableness of calculations

**Number - (Monitoring)** To use mathematical modelling to plan a fundraising activity to make the most profit

**Number - (Monitoring)** Exploring factors and multiples and using proficiency with multiplication facts

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

## The Arts - Music *Specialist Teacher*

### Rhythmic Riot (5-6 Banded Curriculum)

In this unit, students will compose, perform and respond to music featuring rhythmic ostinatos and accompaniments.

Assessment: Students will compose and perform rhythmic ostinatos to a known song. They will respond to their music making by explaining how the elements of music were used to enhance the performance.

## 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.

## 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.

## Health and Physical Education – *Specialist Teacher*

### Movement and Physical Activity – Tchoukball (5\_6 Banded Curriculum)

In this unit, students will perform the specialised movement skills of throwing and catching in the context of Tchoukball. They propose and combine Tchoukball movement concepts and strategies in game situations to achieve movement outcomes and solve movement challenges. They demonstrate fair play and skills to work collaboratively during Tchoukball activities and games.

Assessment: Students will refine and perform the Tchoukball specialised skills of throwing and catching. They will apply the Tchoukball movement concepts and strategies of shooting and rebounding in a three-on-three modified-game scenario. They will work as a team to target open space when shooting, and defend open space when rebounding. They will demonstrate the social and personal skills required to play fairly and work collaboratively during Tchoukball activities and games.