



# Mansfield State School Curriculum Overview

Year 6 Term 1 2026



## Sciences - Chemical Sciences

### Making Changes

In this unit, students will:

- investigate changes that can be made to materials and how these changes are classified as reversible or irreversible
- plan investigation methods using fair testing to answer questions
- identify and assess risks, make observations, accurately record data and develop explanations
- suggest improvements, which can be made to their methods to improve investigations.
- explore the effects of reversible and irreversible changes in everyday materials and how this scientific understanding is used to solve problems that directly affect people's lives.

#### Assessment:

Students will plan and conduct an investigation into reversible and irreversible changes. They will be required to identify variables to be changed and measured, describe potential safety risks, identify improvements to methods and construct texts to communicate ideas, methods and findings.

## English - Imaginative

### Engaging with and responding to literary texts

In this unit, students will:

- explore historical, social or cultural contexts in which texts were created and how characters, setting, events or ideas are represented by authors including identifying an author's individual style of writing
- discuss the influence historical, social and cultural experiences may have on the meaning of texts and attitudes towards characters, actions and events
- explore how literary devices for example, narrative structure, characterisation, rhetorical devices, imagery or figurative language, are used to meet the purpose of the text, and engage and influence audiences.
- use interaction skills and features of voice to share opinions and evaluate information in texts

**Assessment:** Students will create a spoken text to share and elaborate on ideas about a literary text for their peers. They will also read, view and comprehend texts on similar ideas and topics.

## Mathematics

In this unit students will:

### Number

- expand the repertoire of numbers students work with to include rational numbers and the use of integers in practical contexts such as locating points in the four quadrants of a Cartesian plane
- solve addition and subtraction problems involving fractions with related denominators
- explore prime, composite and square numbers

### Space

- solve practical problems and justify solutions using coordinates on a Cartesian plane
- begin to formally use deductive reasoning in spatial contexts involving tessellating patterns using combinations of transformations

### Measurement

- use timetables to solve practical problems

#### Assessments:

**Assessment Task 1.1** – Exploring common fractions

**Assessment Task 1.2** –Using integers and Cartesian planes

**Assessment Task 1.3** – Interpreting and using timetables.

**Monitoring Strategy 1.4** - Creating tessellating patterns

## Humanities and Social Sciences

### Australia in the Past

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

*How have key figures, events and values shaped Australian society, its system of government and citizenship?*

Students will:

- examine the key figures, events and ideas that led to Australia's Federation and constitution
- recognise the contribution of individuals and groups to the development of Australian society since Federation
- investigate the key institutions, people and processes of Australia's democratic and legal system
- locate, collect and interpret information from primary sources
- sequence information about events and the lives of individuals in chronological order
- develop arguments
- use criteria to make decisions and judgments
- work in groups to generate responses to issues and challenges
- propose action in response to issues and challenge

#### Assessment:

Students will explain the significance of key people, events, institutions and processes to the development of the Australian nation.

## Health and Physical Education *Specialist Teacher*

### Personal, Social and Community Health - What Am I Drinking? (5-6 Banded Curriculum)

In this unit, students explore drink products that contribute to health and wellbeing. They focus on investigating a variety of drink options including soft drinks, energy drinks and fruit juice, and the effects they have on the body. Students examine available alternatives to various drink options.

**Assessment:** Students will describe their own and others' contribution to health and wellbeing. Students access and interpret health information and apply decision-making skills to enhance their own and others' health and wellbeing.

## 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.

## Digital Technologies – Data Changing Our World

In this unit, students will explore how organisations collect, validate data, and explain how information systems meet community needs.

**Assessment:** Students will represent a variety of data types in digital systems and design and create an interactive spreadsheet and share information ethically.

## French - *Specialist Teacher*

In this unit, students will introduce themselves further, by communicating more information about their family members, siblings and pets.

#### Assessment:

Students will listen to, read, write and speak a dialogue in French, about themselves and their family, and be able to respond to questions based on it.