



Mansfield State School Curriculum Overview

Year 6 Term 1 2025



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

- Apply knowledge of equivalence to compare, order and represent common fractions including halves, thirds and quarters on the same number line and justify their order. Select and apply mental and written strategies to solve problems involving all four operations. Recognise situations, including financial contexts, that use positive and negative numbers and locate and represent integers on a number line.

Space

- Recognise and use combinations of transformations to create tessellations and other geometric patterns using software where appropriate. Locate points in the four quadrants of a cartesian plane and describe changes to the co-ordinates when a point is moved to a different position in the plane.

Measurement

- use timetables to solve practical problems

Assessments:

Number and Algebra – represent integers on a number line and order fractions and give reasons for their choices.

Space – locate and represent ordered pairs on a cartesian plane and create a tessellating pattern using a combination of transformations.

Measurement - interpret and use timetables and plan an itinerary.

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- Multicultural Australia

In this unit, students will gain an understanding of multiculturalism by examining the changing nature of Australia's cultural identity through exploring the influence of people and places and examine how sharing traditional foods and physical activities from different cultures can support community wellbeing and cultural understanding.

Assessment: To examine how sharing traditional foods and physical activities from different cultures can support community wellbeing and cultural understanding.

The Arts - Music *Specialist Teacher*

Around the World (5-6 Banded Curriculum)

In this unit, students will make and respond to theirs and others 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.

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.