



Mansfield State School Curriculum Overview Year 4 Term 4 2026



Science

Chemical Sciences - All About Materials

In this unit, students will:

- investigate physical properties of materials and consider how these properties influence the selection of materials for particular purposes
- consider how science involves making predictions and how science knowledge helps people to understand the effect of their actions
- make predictions and use appropriate materials and equipment safely to make and record observations when conducting investigations
- represent data, identify patterns in their results, suggest explanations for their results, compare their results with their predictions, and reflect upon the fairness of their investigations
- complete simple reports to communicate their findings.

Assessment:

Students will investigate the observable properties of materials and explain how these materials are used in real life.

English

Quest Novel – Rowan of Rin

In this unit, students will:

- explore the characteristic stages of quest novels;
- explain how language features and vocabulary are used to engage the interest of the audience;
- build literal and implied meaning of the text;
- investigate how characters are represented through their thoughts, actions, and the perspectives of others, and how these representations position the reader;
- support their opinion about character development with textual evidence; and
- reread and revise written texts to improve accuracy and clarity.

Assessment:

Written: Students will analyse the novel Rowan of Rin to explain how the author represents the main character before, during and after an important event in the story.

Mathematics

In this unit, students will:

Number

- draw on proficiency with addition and multiplication facts to add and subtract, multiply and divide numbers efficiently
- use algorithms to generate sets of numbers, recognising and describing any patterns that emerge
- develop and use strategies for multiplication that are based on their understanding of multiplication as an operation and their knowledge of laws for arithmetic operations

Probability

- draw on reasoning skills to analyse, categorise and order chance events and identify independent and dependent events
- investigate variability by conducting repeated chance experiments, observing results

Space

- represent and approximate shapes and objects in the environment

Assessments:

Number - Finding unknowns, creating algorithms and identifying emerging patterns

Probability - Ordering likelihood of events and conducting chance experiments

Number - Using proficiency with facts when calculating.

Space (Monitored) - Representing shapes and objects

Humanities and Social Sciences

Students will explore and compare environments in Australia and South America, with a focus on vegetation, water and rainfall.

In this unit, students will:

- identify and describe different types of natural vegetation, including forests, savannahs, grasslands, woodlands and deserts
- explore and compare vegetation in Australia and South America
- investigate the importance of vegetation and water to people, animals and the environment
- locate, collect and record information and data from maps, tables, images and written sources
- interpret and compare information about vegetation and rainfall to identify patterns and draw conclusions.

Assessment: Students will use a range of sources to describe the importance of environments and compare vegetation and rainfall in Australia and South America.

Health and Physical Education – *Specialist Teacher*

Personal, Social & Community Health – Healthy Futures

In this unit, students explore the concept of sustainable practice and the ways that they can contribute to the sustainability of the environment in their home, classroom and school.

Assessment: Students investigate sustainable practices at school and make suggestions and designs about extending a practice outside the school setting and in the natural environment.

The Arts – Music *Specialist Teacher*

In this unit, students will make and respond to music by exploring the ways that characters and their actions are portrayed musically.

Assessment: Students will use a variety of rhythms and instruments to compose and perform music that depicts a character or their action. They will then explain how they used the elements of music in their performance and composition.

The Arts – Drama *Specialist Teacher*

In this unit, students will make, perform and respond to a drama using stimulus and ideas from toys coming to life in a Toy Store.

Assessment: Students will collaboratively create and perform a scripted drama based on a

Design Technologies

This unit is taught across term 3 and 4.

In this unit, students will investigate through the design process the suitability of materials. They will investigate systems, components, tools and equipment used for specific purposes. They will explore the role of people in Design and Technologies occupations as well as factors that impact on designs and meet community needs.

Assessment: Design Challenge - Students will repurpose an item to create another useful item.