



Mansfield State School Curriculum Overview Year 6 Term 2 2025



Sciences

Physical Sciences: Energy and electricity

In this unit, students will:

- investigate electrical circuits as a means of transferring and transforming electricity
- design and construct electrical circuits to make observations, develop explanations
- perform specific tasks, using materials and equipment safely
- explore how energy from a variety of sources can be used to generate electricity
- identify energy transformations associated with different methods of electricity production
- investigate how the production and use of electricity have affected people's lives
- evaluate personal and community decisions related to use of different energy sources and their sustainability

Assessment: Students will analyse the requirements for the transfer of electricity in a circuit and describe how energy can be transformed from one form to another to generate electricity. They will also use scientific knowledge to assess energy sources selected for a specific purpose.

English

Identifying and using informative text structures

In this unit students will:

- read, view and comprehend a variety of biographies on inspirational Australians, including First Nations Australians;
- identify informative text structures and language features;
- explore how texts reflect the context in which they were created;
- identify and explain how images contribute to the meaning;
- select, navigate and read texts for a range of purposes, monitoring meaning and evaluating the use of structural features; and
- use comprehension strategies such as visualising, predicting, connecting, summarising, monitoring and questioning to build literal and inferred meaning.

Assessment:

Students will create a written multimodal biography of an inspirational Australian for an audience.

Mathematics

In this unit students will:

Number and Algebra

- solve arithmetic problems involving addition, subtraction, division and multiplication with whole numbers of any size
- extend knowledge of factors and multiples to understand the properties of prime, composite and square numbers

Statistics

- determine the mode and range and discuss the shape of distributions in reports of findings from statistical investigations using discrete and continuous numerical and ordinal categorical data

Assessments:

Number and Algebra - find unknowns involving order of operations, solve problems using the properties of prime, composite and square numbers.

Statistics - plan and conduct a statistical investigation and compare distributions of data. To critique arguments presented in advertisements based on statistics.

Humanities and Social Sciences

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

*What does it mean to be an Australian citizen?
How have experiences of democracy and citizenship differed between groups over time and place, including those from and in Asia?*

Learning opportunities support students to:

- recognise the responsibilities of citizens in Australia's democracy
- consider the shared values, rights and responsibilities of Australian citizenship and obligations that people may have as global citizens
- identify different points of view
- examine continuities and changes in the experiences of Australian democracy and citizenship, including the status and rights of Aboriginal and Torres Strait Islander Peoples, women and children
- investigate stories of groups of people who have migrated to Australia since Federation
- evaluate the contribution of individuals and groups to the development of Australian society since Federation
- sequence information about events and represent time by creating timelines
- present ideas, findings, viewpoints and conclusions in a range of communication forms that incorporate source materials.

Assessment: Global Citizens - Students will investigate the rights and responsibilities of Australian citizens today and the experiences of Australian democracy and citizenship for different groups in the past.

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.

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.

Media Arts: What's the Story? *Classroom Teacher*

In this unit, students will plan, produce and present media artworks to explore representations using images, sounds and text.

Assessment: Students will view and analyse a documentary. They will explain how documentary techniques are used to communicate ideas, stories and points of view. Students will work collaboratively to produce an interview-based documentary about one of their peers.

French - *Specialist Teacher*

In this unit, students will learn and then perform a traditional story in French, "Le Garçon Qui Joue Des Tours" (The Boy Who Cried Wolf.) 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).