



MANSFIELD STATE SCHOOL CURRICULUM OVERVIEW YEAR 6 Term 2 2022

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 use scientific knowledge to assess energy sources selected for a specific purpose.

English - Persuasive Examining Advertising in the Media

In this unit students will:

- read, view and listen to advertisements in print and digital media
- understand how language and text features can be combined for persuasive effect
- demonstrate their understanding of advertising texts' persuasive features through the creation of their own digital multimodal advertisement and an explanation of creative choices.

Assessments:

Productive Assessment:

Students will create a multimodal advertisement.

Receptive Assessment:

Reading Comprehension - Students will examine advertising in the media.

Mathematics

In this unit, students will:

- **Number and Place Value** - select and apply mental and written strategies and digital technologies to solve problems involving multiplication and division with whole numbers, and identify, describe and continue square and triangular numbers.
- **Fractions and Decimals** - apply mental and written strategies to add and subtract decimals, solve problems involving decimals, make generalisations about multiplying whole numbers and decimals by 10, 100 and 1 000, apply mental and written strategies to multiply decimals by one-digit whole numbers, and locate, order and compare fractions with related denominators and locate them on a number line.
- **Patterns and Algebra** - continue and create sequences involving whole numbers and decimals, describe the rule used to create these sequences and explore the use of order of operations to perform calculations.
- **Using Units of Measurement** - make connections between volume and capacity.
- **Shape** - problem-solve and reason to create nets and construct models of simple prisms and pyramids.
- **Geometric Reasoning** - make generalisations about angles on a straight line, angles at a point and vertically opposite angles, and use these generalisations to find unknown angles.

Assessments: Students will apply the order of operations, investigate angles and conduct a guided inquiry on measurement.

French - *Specialist Teacher*

In this unit, students will share information about themselves and their family. They will also learn to read and understand someone introducing themselves and their family.

Assessment: Students will read a short passage in French about someone describing themselves and their family. They will write in French about themselves and their family.

Digital Technologies (5-6 Banded Curriculum) Hands Off (Semester Unit)

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.

Health and Physical Education (5-6 Banded Curriculum) *Specialist Teacher* (Semester Units)

Movement and Physical Activity – *Play2Rhythm*

In this unit, students will develop specialised football skills and create and perform a sequence of these skills to music. (Term 1)

Personal, Social and Community Health

In this unit, students explore the concepts of health and wellbeing and the importance of healthy habits as a preventative measure. They will identify good habits and how they contribute to overall health and wellbeing.

Assessment: Students will describe their own and others' contributions to health and wellbeing. They will interpret health information and apply problem-solving skills.

The Arts (5-6 Banded Curriculum)

Music *Specialist Teacher* (Semester Unit)

In this unit, students will describe how music making is influenced by music and performances from different cultures, times and places.

Assessment: Students will compose an accompaniment featuring rhythmic ostinatos. They will respond to 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 work collaboratively to produce an interview-based documentary about one of their peers.

Humanities and Social Sciences Global Citizens (Semester Unit)

In this unit, students will explore the 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, right 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: 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.