



MANSFIELD STATE SCHOOL CURRICULUM OVERVIEW YEAR 6, 5_6H 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.

(Assessed 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 to enhance their own and others' health.

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.

Dance *Classroom Teacher*

In this unit, students will explore movement and choreographic devices and develop skills in fundamental movements.

Assessment: Students will respond to, choreograph and perform dance that uses symmetry.

Humanities and Social Sciences Australia then and now (Semester Unit, P-6 Curriculum planning model, 5_6 Curriculum Band)

In this unit, students will explore the inquiry question:

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

Students will:

- examine Australia's Federation and constitution
- recognise the contribution of individuals and groups to the development of Australian society since Federation
- investigate Australia's democratic and legal system
- locate, collect and interpret information from primary sources
- sequence information
- develop arguments
- use criteria to make decisions and judgments
- work in groups
- propose action

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

Australia's Global Connections

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

- What are Australia's global connections?
- How do people's connections to places affect their perception of them?

Assessment: Students conduct a guided inquiry to answer the question: How does tourism at the Great Barrier Reef affect people and places. (Assessed in Term 3)