



MANSFIELD STATE SCHOOL
CURRICULUM OVERVIEW
YEAR 4
Term 2 2021



Chemical Sciences

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 they are used in real life.

English

Traditional Stories

In this unit students will:

- read and analyse traditional stories from Asia and from Aboriginal peoples' and Torres Strait Islander peoples' histories and cultures
- demonstrate understanding of the stories by identifying structural and language features, finding literal and inferred meaning and explaining the message or moral.

Assessment: Students will plan, create and present a traditional story which includes a moral for a younger audience.

Mathematics

In this unit, students will:

- Number and place value** - recognise, read and represent five-digit numbers; identify and describe place value in five-digit numbers; partition numbers using standard and non-standard place value parts; compare and order five-digit numbers; identify odd and even numbers; make generalisations about the properties of odd and even numbers; make generalisations about adding, subtracting, multiplying and dividing odd and even numbers; recall 3s, 6s and 9s facts; solve multiplication and division problems; use informal recording methods and strategies for calculations; apply mental and written strategies to computation.
- Fractions and decimals** - revisit and develop understanding of the proportion and relationships between fractions in the halves family and thirds family, count and represent fractions on number lines, represent fractions using a range of models, solve fraction problems from familiar contexts.
- Money and financial mathematics** - read and represent money amounts, investigate change, round to five cents, explore strategies to calculate change, solve problems involving purchases and the calculation of change, explore Asian currency and calculate foreign currencies.
- Shape** - explore properties of polygons and quadrilaterals, identify combined shapes, investigate properties of shapes within tangrams, create polygons and combined shapes using tangrams.
- Location and transformation** - investigate the features on maps and plans; identify the need for legends; investigate the language of location, direction and movement; find locations using turns and everyday directional language; identify cardinal points of a compass; investigate compass directions on maps; investigate the purpose of scale; apply scale to maps and plans; explore mapping conventions, plan and plot routes on maps; explore appropriate units of measurement and calculate distances using scales.
- Geometric reasoning** - identify angles, construct and label right angles, identify and construct angles not equal to a right angle, mark angles not equal to a right angle.

Assessments: Investigating 10 000, recalling multiplication and division facts, interpreting simple maps and classifying angles.

The Arts - Music *Specialist Teacher*

In this unit, students will be listening to and singing a variety of Australian songs.

Assessment: Students will listen to an Australian song and explain how the elements of music were used in the piece.

The Arts – Drama. In this unit, students create and perform a drama based on The Twits. **Assessment:** Students describe and discuss similarities and differences between drama they make, perform and view.

Humanities and Social Sciences

Australia before, during and after European settlement

In this unit, students:

- draw conclusions about how the identities and sense of belonging for Aboriginal and Torres Strait Islander peoples in the past and present were and continue to be affected by British colonisation and the enactment of *terra nullius*.
- analyse the experiences of contact between Australia's First Peoples and others, and the effects these interactions had on people and the environment
- make connections between world history events between the 1400s and the 1800s, and the history of Australia, including the reasons for the colonisation of Australia
- investigate the experiences of European explorers, convicts, settlers and Australia's First Peoples, and the impact colonisation had on the lives of different groups of people
- examine the purpose of laws and distinguish between rules and laws
- explore the diversity of different groups in their local community
- consider how personal identity is shaped by aspects of culture, and by the groups to which they belong.

Assessment: Students explain aspects of life in Australia before, during and after European settlement.

Design and Technologies

In this unit, students will:

- investigate food and fibre production and food technologies used in modern and traditional societies.

Assessment: As part of the SAKG program, students will design and make a lunch item that includes modern and traditional technologies.

Health and Physical Education

Movement and Physical Activity -Athletic spectacle *Specialist Teacher*

In this unit, students will perform running, jumping and throwing sequences in athletics activities.

Assessment: Students will perform running, jumping and throwing sequences in authentic situations.

Personal, Social and Community Health – Be healthy, safe and active

In this unit, students will explore how success, challenge and failure strengthens identities and will investigate communication skills with others.

Assessment: Students identify how heritage and culture influence identity and demonstrate communication skills and strategies for working cooperatively with others, observing varying emotional responses in different situations.