



## MANSFIELD STATE SCHOOL CURRICULUM OVERVIEW YEAR 5, 5\_6H Term 2 2022



### Earth and Space Science

#### Our Place in the Solar System

In this unit, students will:

- describe the key features of our solar system including planets and stars
- discuss scientific developments that have affected people's lives
- describe details of contributions to our knowledge of the solar system from a range of people
- communicate their ideas in a variety of multimodal texts including recording in data sheets and as a report for popular media.

#### **Assessment:**

Students will describe key features of the solar system, how science knowledge develops from many people's contributions and explain how scientific developments have affected people's lives and solved problems. Students communicate ideas using multimodal texts.

### English - Persuasive

#### Examining Advertising

In this unit students will:

- use language features to show how ideas can be extended for persuasive effect
- develop a text, selecting information, ideas and images
- create persuasive texts for purposes and audiences
- demonstrate a variety of sentence types
- select specific vocabulary
- edit their work for cohesive structure and meaning

#### **Assessments:**

##### **Productive Assessment:**

Students will create a multimodal advertisement to persuade an audience.

##### **Receptive Assessment:**

Students will identify and interpret persuasive language features and visual elements by comparing two advertisements.

### Mathematics

In this unit, students will:

- **Number and Place Value** - round and estimate to check the reasonableness of answers, explore and apply mental computation strategies for multiplication and division, solve multiplication and division problems with no remainders, solve problems using mental computation strategies and informal recording methods, compare and evaluate strategies that are appropriate to different problems and explore and identify factors and multiples.
- **Fractions and Decimals** - make connections between fractional numbers and the place value system; and represent, compare and order decimals
- **Patterns and Algebra** - create and continue patterns involving whole numbers, fractions and decimals; explore strategies to find unknown quantities.
- **Shape** - apply the properties of three-dimensional objects to make connections with a variety of two-dimensional representations of three-dimensional objects, represent three dimensional objects with two-dimensional representations.
- **Location and Transformation** - investigate and create reflection and rotation symmetry, describe and create transformations using symmetry, transform shapes through enlargement and describe the features of transformed shapes.
- **Geometric Reasoning** - identify the components of angles, compare and estimate the size of angles to establish benchmarks, construct and measure angles.
- **Data Representation and Interpretation** - explore methods of data representations to construct and interpret data displays, reason with data.

**Assessments:** Students will measure and construct angles and make connections between three-dimensional objects and their two-dimensional representations. Students will describe the symmetry and transformation of two-dimensional shapes and identify line and rotational symmetry. Students will conduct a Guided Inquiry involving data using simple strategies to reason and solve data inquiry questions.

### French - *Specialist Teacher*

In this unit, students will learn to introduce themselves in French. Information will include their name, age, where they live, languages spoken, likes and dislikes, siblings or not, birthday and gender.

**Assessment:** Students will listen to and view a text in French and respond to questions. Students will write in French.

### 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 following inquiry question:  
*How have key figures, events and values shaped Australian society, its system of government and citizenship?*

**Assessment:** Students will investigate the significance of people and events in bringing about change. They will develop appropriate questions, research information using sources and sequence information using timelines.

#### Changing life and communities

In this unit, students will investigate the effects of the discovery of gold on the lives of people in Australia.

#### **Assessment:**

Students will explain the features of Australia's democracy. They will respond to inquiry questions regarding the changes caused by gold discoveries in Australia. (Assessed in Term 3)

### Health and Physical Education (5-6 Banded Curriculum)

#### Movement and Physical Activity *Specialist Teacher*

In this unit, students will explore athletic movement sequences involving running, jumping and throwing. (Assessed in 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) (Semester Units)

#### Music *Specialist Teacher*

In this unit, students will sing and play well-known songs from films. They will explain how musical elements enhance the films.

**Assessment:** Students will listen and respond to music related to films. They will explain how the elements of music are used to enhance the film.

#### Dance *Classroom Teacher*

In this unit, students will explore movement and choreographic devices; develop technical and expressive skills in fundamental movements; perform dance using expressive skills; and explain how the elements of dance and production elements communicate ideas.

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

### Digital Technologies (5-6 Banded Curriculum)

In this unit, students will investigate the functions and interactions of digital components and data transmission in simple networks.

**Assessment:** Digital Systems  
Students will connect and program digital systems.