



**MANSFIELD STATE SCHOOL
CURRICULUM OVERVIEW
YEAR 5 ,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

In this unit, students will:

- listen to, read, view and interpret a range of persuasive texts to understand how best to persuade an audience about a viewpoint
- respond to viewpoints portrayed in different types of texts
- apply comprehension strategies, focusing on particular viewpoints portrayed in a range of texts
- create a persuasive text from a particular viewpoint.

Assessments:

Productive Assessment:
Persuasive argument - Expressing Point of View

Students will write a persuasive text to convince an audience about an issue.

Receptive Assessment:
Reading Comprehension

Students will interpret and analyse information from a feature article.

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 (5-6 Banded Curriculum) 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.

**Health and Physical Education (5-6 Banded Curriculum) Specialist
Movement and Physical Activity – Tchoukball**

In this unit, students will explore the specialised movement skills of throwing and catching in the context of Tchoukball. (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) (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.

Visual Arts Classroom Teacher

In this unit, students will, develop and apply techniques and processes when making artworks, explain how visual arts conventions communicate meaning, explore ideas and practices used by artists and plan the display of artworks to enhance their meaning for an audience.

Assessment: Students will create and respond to artworks.

Humanities and Social Sciences

Consumer Decision-making in Australian Communities

In this unit, students will explore the inquiry question: *How do people in communities make decisions about the use of resources to meet their needs and wants?*

Assessment:

Students will explain how people in communities make decisions about the use of resources to meet their needs and wants.

Managing Australian Communities

In this unit, students will explore the inquiry question: *How can legal and environmental issues in Australian communities be managed?*

Assessment: Students will describe the roles of different people in Australia's legal system, sort, record and represent data in different formats, independently propose action and describe the possible effects of their proposed action.

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.