MANSFIELD STATE SCHOOL
CURRICULUM OVERVIEW
YEAR 3
Term 4, 2021

Chemical Sciences
What's the Matter?
In this unit, students will:

- understand how a change of state between solid and liquid can be caused by adding or removing heat,
- explore the properties of liquids and solids and understand how to identify an object as a solid or a liquid,
- identify how science is involved in making decisions and how it helps people to understand the effect of their actions,
- evaluate how adding or removing heat energy affects materials used in everyday life,
- conduct investigations, including identifying investigation questions and making predictions, assessing safety, recording and analysing results, considering fairness and communicate ideas and findings,
- describe how science investigations can be used to answer questions, and
- recognise that Australia's First Peoples traditionally used knowledge of solids and liquids in their everyday lives

Assessment:
Investigating solids and liquids
Students will investigate liquids and solids changing state when heat is added or taken away. Students will make a prediction, record observations and suggest reasons for findings. Students describe how safety and fairness were considered.

English - Reading, writing and performing poetry
In this unit, students will:

- listen to, read, view and adapt a range of poems
- analyse poems by exploring the context, purpose and audience and how language features, textual structure and language devices are used to create meaning
- write an anthology of poems including Haiku
- read and present a rhyming poem and explore ways in which the language features can be highlighted in performance through the use of pace, pitch, tone, volume and gesture.
- Listen to other's views and respond using appropriate interaction skills

Assessments:
Writing & presenting poetry:
Students will write Haiku poems and present a rhyming poem. They will listen to presentations and provide feedback.

Health and Physical Education
Movement and Physical Activity - Mansfield Ball *Specialist Teacher*
In this unit, students refine fundamental movement skills (chest pass and shoulder pass and catching) and apply movement concepts and strategies in a variety of physical activities and to solve movement challenges.
Assessment: Students will apply movement concepts and strategies in a variety of physical activities and to solve movement challenges.

Mathematics
In this unit, students will:

- **Number and place value** - recall addition and related subtraction number facts, use number facts to add and subtract larger numbers, use part-part-whole thinking to interpret and solve addition and subtraction word problems, add and subtract using a written place value strategy, recall multiplication and related division facts, interpret and solve multiplication and division word problems
- **Fractions and decimals** - identify, represent and compare familiar unit fractions and their multiples (shapes, objects and collections), record fractions symbolically, recognise key equivalent fractions, solve simple problems involving fractions.
- **Money and financial mathematics** - count the change required for simple transactions to the nearest five cents.
- **Using units of measurement** - measure, order and compare objects using familiar metric units of length, mass and capacity.
- **Shape** - make models of three-dimensional objects
- **Location and transformation** - represent symmetry, interpret simple maps and plans
- **Geometric reasoning** - identify angles as measures of turn, compare angle sizes in everyday situations.
- **Chance** - conduct chance experiments, make predictions based on data displays
- **Data representation and interpretation** - identify questions, gather relevant data, organise, represent and interpret data.

Assessments:
Money: Students represent money values in various ways and correctly count change from financial transactions.
Using Unit Fractions and Multiplication: Students will recall multiplication facts for single-digit numbers, solve problems using efficient strategies for multiplication, and model and represent unit fractions.
Symmetry, 3D Objects and Angles: Students will identify symmetry in the environment. Students will a model of a 3D object and recognise angles in real situations.

Humanities and Social Sciences
Exploring places near and far
In this semester unit, students will continue to investigate: How and why are places similar and different?

They will:

- identify connections between people and the characteristics of places
- describe the diverse characteristics of different places at the local scale and explain the similarities and differences between the characteristics of these places
- interpret data to identify and describe simple distributions and draw simple conclusions
- record and represent data in different formats, including labelled maps using basic cartographic conventions
- communicate their ideas, findings and conclusions in oral, visual and written forms using simple discipline-specific terms

Assessment:
Exploring places far and near:
Students will represent places using different forms of data and identify similarities and differences between places.

The Arts - Music Let's celebrate, let's remember *Specialist Teacher*
In this unit, students will make music and respond to music, exploring the songs used in celebrations and commemorations from a range of cultures including music for special occasions around the world.
Assessment:
Students respond to music by discussing the music they compose in class.
The Arts – Dance: Wildlife watch
In this unit, students make and respond to dance by expressing ideas about animals and the environment. They will use the elements of dance and choreographic devices, performing dances using expressive skills to communicate ideas.
Assessment: Students respond to, choreograph and perform a dance.

Digital Technologies – What digital system do you use? (semester unit)
In this unit, students will explore and use a range of digital systems and create a digital solution using a visual programming language.
Assessment: Portfolio
Students will explain what they know about digital systems and create a simple guessing game using programming language.