TOPIC OUTLINE
Term 3, 2014
Grade 3

INQUIRY UNIT

TOPIC: Matter Matters
Fertile Question: What is the Matter?
Key Learning Area: Chemical Science
Understandings:
• All Matter can be classified into a solid, liquid or gas.
• A change of state between a solid and liquid can be caused by adding or removing heat.
• Science involves making predictions, describing patterns and relationships.

Skills:
This term your child will:
• Identify and classify Matter through conducting simple experiments.
• Investigate how Matter transforms from one state to another (solid, liquid, gas)
• Make scientific predictions and observations.
• Observe, explain and discuss experimental outcomes.
• Learn how to write a scientific report and use specific language to emphasis findings, such as hypothesis.
• Record and Report outcomes from experiments.

ENGLISH

Reading & Viewing
This term your child will:
• Explore strategies to locate, select and record key information from texts.
• Read books focusing on comprehension (literal and inferential).
• Read and respond to different types of poetry.
• Listen and respond to George’s Marvellous Medicine by Roald Dahl.
• View and respond to the DVD ‘Flubber’.
• Continue to read a variety of text types for enjoyment.

Writing
This term your child will:
• Explore how text structures and language features work together to meet the purpose of a text (e.g. scientific report and procedural texts).
• Present information in a creative way e.g. advertisements.
• Experiment with Onomatopoeia in their writing e.g. bang, smash.
• Continue to develop the skills for planning and revising writing pieces.
• Produce pieces of writing that show the correct sequence of events and ideas.
• Understand the use of the apostrophe in writing e.g. ownership apostrophe and contraction apostrophe.
• Understand the different types of verbs e.g. doing, thinking, saying.
• Be exposed to and use prefixes, suffixes and compound words in their writing.
• Recognise consonant blends of three letters to assist spelling e.g. scr- scratch.

Speaking & Listening
This term your child will:
• Continue to participate in small groups and whole class activities.
• Be encouraged to develop skills in tone, volume and pace in order to communicate information clearly.
• Ask and answer questions to show an understanding of what has been discussed.
• Present a Keynote about their understanding of a solid, liquid or gas.

**MATHEMATICS**

*This term your child will:*
- Investigate multiplication tables (2x, 3x, 5x, 10x).
- Learn the commutative law of addition and multiplication for example: \( 2 + 2 + 2 = 6 \) is the same as \( 3 \times 2 = 6 \).
- Write number sentences such as \( 20 \div 4 = 5 \) to summarise sharing processes.
- Understand the inverse operation between division and multiplication.
- Represent multiplication as an array.
- Solve problems involving multiplication using efficient mental and written strategies and check answers using a calculator.

**Measurement & Geometry**

*This term your child will:*
- Use different strategies to find the perimeter and area of 2D shapes.
- Represent and identify angles using a clock and body representation.
- Explore 3D objects (e.g. prisms and pyramids) and work towards recognising faces, edges and vertices.
- Use 2D nets to construct prisms and pyramids.
- Make models of 3D objects and describe key features.
- Revise time using an analogue and digital clock.

**Statistics & Probability**

*This term your child will:*
- Be exposed to the language used throughout statistics and probability e.g. chance, outcome, possibility.
- Compare the likelihood of events and link events with statements e.g. is it likely to rain today? What is the likelihood of an elephant walking through the schoolyard?

**PHYSICAL EDUCATION**

This term your child will:
- Begin to learn the different levels of gymnastics, dance and be introduced to athletics.
- Understand that co-operative skills need to be developed if effective competitive activities are to be played; for example sharing equipment, space and game time, accepting skill levels of others in their group, encouraging and helping one another.
- Participate in activities in a cooperative and fair manner.
- Develop and improve balance, control, coordination and strength when performing a variety of complex skills in the unit of gymnastics and dance

**VISUAL ARTS**

This term your child will explore the art element of colour to make a unique and experimental artwork with balloons and paint to support the Integrated Unit of Solid, Liquid and Gas. Students will predict and respond to the artworks by discussing the outcome of the experiment. They will also develop their understanding of the art elements of pattern and texture by using their own creativity to complete a mosaic artwork. They will respond to the effectiveness of pattern by exploring examples of its use in the environment.

**INTERPERSONAL DEVELOPMENT**

*This term your child will:*
- Exhibit appropriate behaviour for maintaining friendships with other people.
- Work with others to reduce, avoid and resolve conflict.
PERSONAL LEARNING

This term your child will:

• Demonstrate a positive attitude towards their learning.
• Comment on task progress and achievements.