TOPIC OUTLINE
Term 3, 2016
Grade 3

INQUIRY UNIT

TOPIC: Marvellous Matter
Fertile Question: What is the Matter?
Key Learning Area: Science

Understandings:
• All Matter can be classified as solids, liquids and gases.
• Adding or removing heat can cause a change of state between a solid, liquid and gas.
• Science involves making predictions, describing patterns and relationships.

Skills:
This term your child will:
• Define what ‘Matter’ is.
• Identify and classify various Matter.
• Conduct simple experiments to investigate how Matter transforms from one form to another.
• Analyse the state when different temperatures are applied.
• Label and categorise items into the three states of Matter.
• Identify the differences between reversible and irreversible state.
• Predict, observe and explain the outcomes for simple experiments.

ENGLISH

Reading & Viewing
This term your child will:
• Explore how text features work together to meet the purpose of a text (e.g. scientific reports, biographies and persuasive texts).
• Identify the audience and purpose of imaginative, informative and persuasive texts.
• Read an increasing range of different types of texts.
• Read scientific experiments and factual information about Australian athletes.
• Explore strategies to locate, select and record key information from texts.
• Draw connections between personal experiences and the worlds of texts, and share responses with others.
• Interpret and respond to a range of reading and media images.
• Use comprehension strategies to build literal and inferred meaning and begin to evaluate texts by drawing on a growing knowledge of context, text structures and language features.
• Identify the features of online texts that enhance navigation.
• Recognise high frequency sight words including some homophones.

Writing
This term your child will:
• Explore how text structures and language features work together to meet the purpose of a text (e.g. information report and procedural texts).
• Plan, draft and publish informative texts.
• Experiment with pronouns, compound words and homophones.
• Continue to develop the skills for planning and revising writing pieces.
• Be exposed to and use prefixes, suffixes and compound words in their writing.
• Maintain the correct use of punctuation and grammar when writing.
• Write using joined letters that are clearly formed and consistent in size.
• Use a dictionary and resources to check and confirm the correct spelling of words.

**Speaking & Listening**

*This term your child will:*

• Continue to participate in small groups and whole class activities.
• Use interaction skills, including active listening behaviours and communicate in a clear, coherent manner using a variety of everyday and learned vocabulary and appropriate tone, pace, pitch and volume.
• Ask and answer questions to show an understanding of what has been discussed.
• Plan and deliver short presentations, providing some key details in logical sequence.

**MATHEMATICS**

**Number & Algebra**

*This term your child will:*

• Investigate multiplication tables.
• 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.
• 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.
• Represent and identify angles using a clock and body representation.

**Statistics & Probability**

*This term your child will:*

• Using surveys, tally marks to collect data.
• Represent data from a collection of graphs.
• Compare the likelihood of events occurring.

**PHYSICAL EDUCATION**

*This term your child will:*

• Learn the different levels of gymnastics; dance and an introduction to athletics and fitness will also be learnt.
• Develop and improve their balance, control, coordination and strength when performing a variety of complex skills in the unit of gymnastics and dance.
• Understand that co-operative skills need to be developed; for example sharing equipment, space and game time, accepting skill levels of others in their group, encouraging and helping one another.
**VISUAL ARTS**

*This term your child will:*
- Paint and decorate a mask to celebrate the Italian Festa.
- Create artwork using collage and construction materials.
- Learn how to use recycled materials to create different types of artwork.
- Create a loom and use it to learn the skill of French knitting.

**ITALIAN**

*This term your child will:*
- Be encouraged to continue to participate in and respond appropriately during oral interactions.
- With teacher guidance explore Italian lifestyle, clothing and seasons.
- Investigate ‘La Famiglia Italiana’ (The Italian family) and their lifestyle.

**SOCIAL AND EMOTIONAL LEARNING**

*This term your child will:*
- Set short term, achievable goals in relation to specific tasks.
- Demonstrate a positive attitude towards their learning.
- Comment on task progress and achievements.
- Support each other by sharing ideas and materials, offering assistance and giving appropriate feedback.