TOPIC OUTLINE
Term 4, 2014
Grade 3

INQUIRY UNIT

TOPIC: How Does It Work?
Fertile Question: How do simple machines work together to form compound and complex machines?
Key Learning Area: Science and Technology

Understandings:
• Machines can be simple or complex.
• Complex machines are made up of many simple machines.
• Machines can be powered in a variety of ways.

Skills:
This term your child will:
- Define what is a machine.
- Create a list of machines.
- Draw and label a simple machine.
- Explain how simple machines work to make a task easier.
- Identify the purpose of different parts of a compound machine.
- Sort and graph machines according to their working mechanisms.
- Explore components of simple machines.
- Identify simple machines found in compound machines.
- Explore changes in technology over time.
- Observe simple machines at work.
- Recognise ways that simple machines affect their lives.

ENGLISH

Reading & Viewing
This term your child will:
• Explore how text features work together to meet the purpose of a text. e.g. information texts and creative writing (poetry).
• Read information from a variety of resources including newspapers, magazines and the internet.
• Read a variety of factual texts.
• Explore strategies to locate, select and record key information from texts.
• Draw connections between ideas in texts and personal experiences.
• Interpret and respond to a range of reading and media images.
• Comprehend texts using a variety of strategies. Eg: Literal, inferred, evaluative, etc.
• Recognise high frequency sight words.

Writing
This term your child will:
• Write different forms of poetry such as cinquain, haiku and shape poems.
• Identify the audience and purpose for a piece of writing.
• Use adjectives, nouns and verbs to make writing interesting.
• Use the structures and features of information texts.
• Understand how to use sound letter relationships and knowledge of spelling rules.
• Continue to use a variety of letter blends to spell words correctly.
• Maintain the correct use of punctuation and grammar when writing.
• Maintain correct size and formation of letters and numbers in handwriting.
• Increase their knowledge of nouns and adjectives.
• Use a dictionary and Have A Go resources to check and confirm the correct spelling of words.
Speaking & Listening
This term your child will:
• Use eye contact and voice projection.
• Clearly articulate words and sentences when presenting.
• Prepare and present simple oral presentations for an audience. e.g: sharing work.

MATHEMATICS

Number & Algebra
This term your child will:
• Recognise, model, represent and order proper fractions.
• Read and write fractions using correct fraction notation.
• Investigate fractions and their equivalence using a fraction wall.
• Identify simple decimal fractions and compare notation to proper fractions. e.g. 1/10 = 0.1

Measurement & Geometry
This term your child will:
• Describe what is seen and not seen of a simple object from different positions. E.g. bird’s eye view.
• Explore 2D diagrams and enlarge/reduce a given diagram using a grid.
• Explore the difference between volume and capacity.
• Use standard units of measurement to calculate volume and capacity.

Statistics & Probability
This term your child will:
• Identify chance occurrences within daily life.
• Explore chance vocabulary and its use in describing likelihood. E.g. possible, unlikely, certain, etc.
• Collect data using tally marks.
• Explore factors that alter possibility of chance occurrences.
• Collect data from sample populations (eg: classroom) and represent data using a bar or pictograph.

PHYSICAL EDUCATION

This term your child will:
• Begin to learn the fundamental motor skills of netball, AFL football, hockey and volleyball.
• 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.

VISUAL ARTS

This term your child will:
• Explore the art element of colour to make an interesting artwork with crayons and paint.
• Respond to the artworks by discussing the way oil-based crayons repel water-based paint and the effect of the crayon-resist technique.
• Use collage and construction techniques to create a variety of Christmas-themed artworks.
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.