TOPIC OUTLINE
Term 3, 2016
Grade 4

INQUIRY UNIT

TOPIC: Wacky Weather!
INQUIRY QUESTION: How does the weather affect us?
KEY LEARNING AREA: Science

UNDERSTANDINGS:
Student will understand that:
- Extreme weather is a major catastrophe caused by nature
- There are many different types of extreme weather (eg: flash flooding, bushfires)
- There are procedures and processes to follow when responding to extreme weather conditions

SKILLS:
This term your child will:
- Identify extreme weather.
- Recognise and Describe how weather affects us.
- Explain how extreme weather occurs.
- Compare environments before and after extreme weather.
- Evaluate positive and negatives effects of extreme weather.
- List appropriate actions and responses to extreme weather.

ENGLISH

Reading and Viewing
This term your child will:
- Use several strategies such as note taking, summarising and underlining key information to find the main idea of a text.
- Visualise information from texts using their imagination, vocabulary and background knowledge.
- Identify information in texts to support inferred responses.
- Make connections between the ways different authors may represent similar storylines, ideas and relationships.
- Sequence images and information from texts.

Writing
This term your child will:
- Write information using sequenced paragraphs, punctuation and other grammar aspects such as adverbs, proper nouns and common nouns.
- Plan, compose and edit information texts (eg: explanation texts).
- Use punctuation to support meaning (eg: commas and apostrophes).
- Understand how to use phonic knowledge to read and write multisyllabic words with more complex letter combinations.
- Use the correct tense when writing to show past and present tense.
- Write using clearly-formed joined letters, and develop increased fluency and automaticity.
- Use a range of software including word processing programs to construct, edit and publish written text, and select, edit and place visual, print and audio elements.

Speaking & Listening
This term your child will:
Plan, rehearse and deliver presentations incorporating learned content and taking into account the particular purposes and audiences.
Use interaction skills such as acknowledging another’s point of view and linking students’ response to the topic.
Discuss experiences with others sharing responses and expressing a point of view.

**MATHEMATICS**

**Number & Algebra**
*This term your child will:*
- Explore the operations of division and subtraction.
- Use the operations of division and subtraction to solve equations and worded problems.
- Investigate the properties of odd and even numbers and how they affect the product in division.
- Use estimating skills to determine plausible answers to division and subtraction problems.
- Investigate equivalent fractions used in contexts.
- Count by quarters halves and thirds, including with mixed numerals. Locate and represent these fractions on a number line.
- Solve problems involving purchases and the calculation of change.

**Measurement & Geometry**
*This term your child will:*
- Recognise the difference between area and perimeter.
- Calculate the perimeter and area of shapes and environments using a range of strategies (eg: repeated addition and width x length).
- Compare area and perimeter using formal and informal units.
- Recognise and name 3D shapes.
- Identify edges, vertices and faces on 3D objects.
- Use 2D nets, cross sections and simple projections to recognise simple 3D shapes.

**Statistics & Probability**
*This term your child will:*
- Use surveys, questions, tally marks and recording sheets to collect data.
- Use column, bar and picture graphs where one picture can represent many data values.
- Make descriptive comments about the patterns and trends in data presented (eg: What is the graph telling you?).

**PHYSICAL EDUCATION**

This term your child will begin to learn the different levels of gymnastics; dance and an introduction to athletics and fitness will also be learnt. Students will develop and improve their balance, control, coordination and strength when performing a variety of complex skills in the unit of gymnastics and dance. Students will 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:*
- View the artwork of the artist Vincent Van Gogh’s ‘Starry Night’ and create a painting inspired by his work.
- Use paper skills to create an interesting art work.
- Further develop their understanding of colour and pattern to create an Aboriginal inspired art work.

**LOTE – ITALIAN**
This term your child will be encouraged to continue to participate in and respond appropriately during oral interactions. They will, with teacher guidance, explore Italian lifestyle, clothing and seasons. They will investigate the ‘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.
- Independently undertake some multi-step, extended tasks.
- Comment on task progress and achievements.
- Manage their feelings in pursuit of goals.
- Demonstrate respect for each other and acknowledge individual differences.
- Exhibit appropriate behaviour for maintaining friendships with other people.
- Work with others to reduce, avoid and resolve conflict.
- Cooperate with others in teams for agreed purposes, taking roles and following guidelines established within the task.