

### **English:**

- Learning a wider range of poetry by heart.
- Preparing poems to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience.
- Identifying how language, structure and presentation contribute to meaning.
- Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.

### **Activities:**

- Learning poems off by heart.
- Enjoying different poetry forms such as haiku, cinquain and shape poems.
- Performing poetry to an audience.

### **Maths**

- Know that angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. Draw given angles, and measure them in degrees.
- Use the properties of rectangles to deduce related facts and find missing lengths and angles.
- Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.
- Identify multiples and factors, plus common factors of 2 numbers.
- Prime numbers, prime factors and composite numbers.
- Multiply numbers up to 4 digits with 1 and 2-digit numbers.

### **Activities:**

- *Mathletics.*
- Using protractors to measure and draw angles.
- Use geoboards and computers to investigate angles of shapes.
- Investigations

### **PE:**

- Play competitive games and apply basic principles suitable for attacking and defending.
- Use a variety of tactics to keep the ball.
- Know how to mark and defend.
- Find and use space to help their team.
- Use a variety of tactics to keep the ball, e.g. changing speed and direction.
- Choose positions in their teams and know how to help when attacking.

### **Activities:**

- Skills work - dribbling, passing and stopping the ball.
- Work on attacking and defending.
- Small games.
- Swimming - distance of at least 25 metres with a range of strokes.

**AUTUMN TERM 2, 2017 YEAR 5**



### **Science (Working Scientifically):**

- Properties of materials
- Uses of materials
- Reversible and irreversible changes.
- Explain that changes result in the formations of new materials

### **Activities:**

- Experiments on how materials burn.
- Designing fair tests to look at the properties of different materials
- Test materials to determine which material would be best for building a boat.

### **Computing:**

- design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.
- use sequence, selection, and repetition in programs; work with variables and various forms of input and output.
- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

### **Activities:**

- Use a software programme to code a sequence of actions of a character.
- Correct a sequenced code that does not work.

**Geography:**

- Use symbols and keys (including the use of Ordnance Survey maps) to build knowledge of the United Kingdom and the wider world.
- Know how scales are used on maps and use four and six figure grid references.
- Observe, measure, record and present the human and physical features of the local area.

**Activities:**

- Quizzes on symbols
- Map reading and puzzles
- Describing physical features from maps

**Art:**

- To improve their mastery of art and design techniques, including drawing and painting
- Using a range of materials

**Activities:**

- Studying and comparing the techniques of different landscape artists
- Drawing detail from different perspectives
- Painting landscapes with a particular mood using watercolours

**French:**

To listen to spoken language and to show understanding by joining in and responding.

Write phrases from memory and adapt these to make new sentences.

- Role play using vocabulary, phrases and basic language structure.
- Learn days of the week.
- Times of day.
- Christmas.

**Music:**

- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- improvise and compose music for a range of purposes using the inter-related dimensions of music
- listen with attention to detail and recall sounds with increasing aural memory

**Activities:**

- Samba
  - Learn Brazil Samba rhythms
  - Learn basic cues associated with Samba music
  - Compose own samba music and play it as a samba band

**PSHE:**

- Making a positive contribution

**Activities:**

- Enterprise activities relating to the Christmas Bazaar.

**RE:**

- Worship, Pilgrimage and sacred places.
- Jerusalem.

- Christianity - 10 Commandments;

- Jesus' Parables;

**Activities:**

- Researching the Jewish religion
- Labelling a Synagogue.

- Researching Western Wall.

- Group work relating to the Ten commandments.