



Year 5 Autumn Term 2 Theme

Science and Technology:

- explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- describe the movement of the Moon relative to the Earth
- describe the Sun, Earth and Moon as approximately spherical bodies
- use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.
- Famous scientists – Copernicus,
- use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.

Arts and Creativity:

- use and understand staff and other musical notations
- improvise and compose music for a range of purposes using the inter-related dimensions of music
- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]

**What's Out There?**

**Context: We are going to be looking at the Earth, Sun and Space, asking questions and identifying 'What's Out There'! We will look at the Solar System and Planets, create our own 'lunar landing' music and investigate UFOs and 'alien' encounters**

Place and Time:

- identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere
- Prime/Greenwich Meridian and time zones (including day and night)
- Lunar calendar and links to tide

Faith and Belief:

- Buddhism: Beliefs, teachings and sources; practices and ways of life; questions of diversity, identity and belonging.
- What can we learn from people of faith today?
- Living Hopefully – The Christmas Story

Language, Oracy and Literacy:

- Non-narrative writing – Recounts
  - Poetry – writing, rehearsing and performing Slam poetry; classic poetry
  - Instructions and explanations
  - Biographies and autobiographies
1. To be able to ask and say what is in your town.
  2. To ask and say if you like your town.
  3. To be able to say what is near and far from your home.

Mathematics:

- Shape – properties of shape (quadrilaterals)
- Multiplication and division
- Measures
- Fractions
- Addition, subtraction and place value

Physical and Emotional Health/Citizenship and Ethics:

- Dance - perform dances using a range of movement patterns
- Multiskills - develop flexibility, strength, technique, control and balance; use running, jumping, throwing and catching in isolation and in combination.
- Creativity and innovation