

Outer Space: Exploration and Imagination

Years 5 & 6
Spring 2018
First Half of Term

Expressive Arts & Design

Music - Listening and performing using ukuleles and tuned percussion. The focus will be Mars (Holt's Planet Suite) Star Wars and Dr Who.

Dance - Create a dance based on the theme of space, which tells a story.

Understanding of the World

- Investigate the term morality and how we use morals to guide us in the decisions we make.
- Understand some of the moral questions raised by space exploration.
- Understand how different religions provide guidance in making moral choices.

PSHE/BLP

- Improve our resourcefulness by developing our imagination, asking questions, making links with other subjects and improving our reasoning skills.
- PSHE will link to appropriate whole school themes.

Maths

The children will:

- Practise their number fluency by calculating mentally using all four operations.
- Develop their number talk looking at and comparing a range of methods and their effectiveness/efficiency.
- Choose from a range of written and mental strategies to solve incomplete calculations.
- Understand and solve a range of worded problems.
- Study properties of shapes, including how to calculate missing angle.
- Continue to develop their understanding of fractions and learn how to calculate with them.

English & Communication

- Read *The Watertower* by Gary Crew.
- Predict what might happen by noticing details in both the pictures and the text, and making links to other texts we know.
- Infer characters' feelings, thoughts and motives from their actions, subtext, pictures and text in the book.
- Use sentence structure and punctuation to create an atmosphere of unease.
- Read the text to develop word choice and use of a thesaurus in order to generate synonyms.
- Write a narrative that creates an atmosphere of unease.
- Read and identify the features of a non-chronological report.
- Write a non-chronological report on space.

Science

The children will learn about Space. They will:

- Describe the movement of the earth and other planets relative to the sun.
- Describe the movement of the moon relative to the earth.
- Describe the sun, earth and moon as approximately spherical.
- Use the ideas of the Earth's rotation to explain day and night.

Computing

- Understand computer networks including the Internet and the opportunities they offer for communication and collaboration.
- Use research technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content.

CHILD

Questioning

Making Links & Reasoning

Empathy and Listening

Collaboration