

Science

In Science, we will:

- Explore a range of different materials and their properties.
- Test materials for different properties, eg waterproof.
- Compare and group materials.
- Explore and describe the way some everyday materials change when they are heated or cooled.
- Look at changes that occur to astronaut food when water is added or removed
- INVESTIGATION: Selecting appropriate materials to make parachutes, spacesuits for teddy, etc.

Seasonal Changes:

- How the weather can be affected by seasonal changes.
- How the movement of the Earth affects with weather in different parts of the World.

Application of Maths across the curriculum: Counting, measuring, data handling, sorting into tables and Carroll and Venn diagrams

Application of Literacy across the curriculum: speaking and listening, instructions, writing instructions and recounts

PSHE

In PSHE we will:

- Understand how to develop a healthy lifestyle.
- Understand how to make simple choices about health and well-being.
- Make a healthy lunchbox for Bob

Application of Maths across the curriculum: Counting, sorting

Application of Literacy across the curriculum: speaking and listening

History/Geography

In Geography, we will:

- Look at environmental differences between the moon, space and Earth
- Understand why some places are hot and some are cold.

In History, we will:

- Explore the history of Space travel and putg significant events on a timeline.
- Find out about Neil Armstrong and the first landing on the moon.

Application of Maths across the curriculum: ordering objects and events

Application of Literacy across the curriculum: speaking and listening, writing labels and captions, reading information

D&T /Art

In D&T, we will:

- Develop technical knowledge in building structures and mechanisms.
- Develop skills in designing, making and evaluating products.
- Make moon buggies with a focus on wheels & axles.

In Art we will:

- Using a range of different media and techniques, with a particular focus on making 3D models. Examples of work may include: Making 3D models of rockets, making moon landscapes in a shoe box, making 3D models of the solar system

Application of Maths across the curriculum: Describing shape and size

Application of Literacy across the curriculum: speaking and listening, following instructions

Religious Education

In Religious Education, we'll be finding out:

- About Christian beliefs and practices.
- That religious people express their faith through worship and in the way they live their lives
- About the celebrations of Lent and Easter in the Christian calendar and celebrations in other religions

Application of Maths across the curriculum:

Application of Literacy across the curriculum: speaking and listening

Computing

In Computing, we will:

- Complete the 'We are astronauts' section of the Rising Stars scheme of work
- Create an animation of a rocket taking off using 2simple2animate.
- Programme beebots and roammers to move around 'space maps'
- Carrying out internet research on planets.

Application of Maths across the curriculum: ordering

Application of Literacy across the curriculum: speaking and listening

Physical Education

In Physical Education we will:

- Create and perform dances that show control, fluency, expression and dynamics

Application of Maths across the curriculum: Counting, time, measurement

Application of Literacy across the curriculum: speaking and listening, instructions

Music

In Music, we will:

- Learn a range of space themed songs
- Look at Elton John's, 'Rocket Man'. Identify t instruments used and discuss the songs beat and rhythm.
- Use iPads to create Space scapes, using a range of instruments.

Application of Maths across the curriculum: rhythm, counting

Application of Literacy across the curriculum: poetry/rhymes

Wow experiences

- Educational visit to the Outreach Planetarium at the Centre for Life
- Space Dome visit to school
- Kielder observatory professional to visit school

2017/18 - Spring Term First Half

Blast Off!

Year 2

Children will explore all the curriculum areas through the context of Space.