

Science

In Science, we will be:

- Exploring a range of different materials and their properties.
- Testing materials for different properties, eg waterproof.
- Comparing and grouping materials.
- Exploring and describing the way some everyday materials change when they are heated or cooled.
- Looking 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:

- The changes that take place as we move into Winter.
- 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 be:

- Developing self-awareness, understanding feelings and making good choices.
- Relationships: Understanding the feelings of others, keeping safe and knowing who to trust.
- Exploring how to stay safe on Bonfire Night

Application of Maths across the curriculum: Counting, sorting

Application of Literacy across the curriculum: speaking and listening

History/Geography

In Geography, we will be:

- Identify changes in the weather as we move through Autumn into Winter.
- Understand why some places are hot and some are cold.

In History, we will be:

- Exploring the history of Space Travel and putting significant events on a timeline.
- Finding 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 be:

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

In Art we will be:

- 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
- Christmas – understanding that it is a Christian Festival

Application of Maths across the curriculum:

Application of Literacy across the curriculum: speaking and listening

Computing

In Computing, we will be:

- Completing the 'We are astronauts' section of the Rising Stars scheme of work
- Creating an animation of a rocket taking off using 2simple2animate.
- Programming beebots and roamers 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 be:

- Using a variety of multi-skills including throwing catching, sending, receiving
- Using multi-skills in a variety of paired, small group and whole class games

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

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

Music

In Music, we will be:

- Long and short sounds – fireworks
- Listening to space sound effects
- Uses instruments to create own space sounds
- Sounds to accompany space images – compose space music
- Listen to extracts from The Planets (Holst)
- Using our voices expressively and creatively by singing songs, speaking chants and rhymes

Application of Maths across the curriculum: rhythm, counting

Application of Literacy across the curriculum: poetry/rhymes

2015/16 - Autumn Term Second Half

Could you live in space?

Year 1/2

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

Wow experiences

- Educational visit to the Outreach Planetarium at the Centre for Life