

English

Fiction

Character Descriptions, developing imaginative and descriptive sentences. (*The Aliens are Coming*)

Persuasive Writing: *Bob on The Moon* - Tour Guide, Souvenir, Adverts, Posters.

Recount : Diary using *Beegu*

Poems with a structure (*I took the moon for a walk*)

Non Fiction

Recount of the Christmas Story.

Books:

- The Aliens are Coming - Colin McNaughton
- Beegu - Alexis Deacon
- Cosmic - Frank Boyce Cotterell
- Space Ace - Eric Brown
- Whatever Next - Jill Murphy
- Aliens Love Panta Claus by Claire Freedman

Maths

- Number and place value - Explore the value of numbers, where numbers live in our number system. Solve problems comparing the value of numbers and Investigate number patterns
- Addition and Subtraction including money
Explore addition and subtraction facts alongside mental strategies to solve calculations. Use the inverse relationship between addition and subtraction and Solve problems.
- Geometry: Properties of Shape and Position & Direction linked to map work.
- Multiplication & Division
- Measurement Mass and Time
- Fractions

Robins – Autumn Term

Art/DT (Including Cooking)

- Create a planet (map work and sketching skills)
- Design a moon buggy with moving parts.
- Design and Make a Christmas 'light up' Ornament (*circuits linked to Electricity*).
- Design and create a meal to be eating on the ISS.

Midway Mayhem: Indoor planetarium visiting school and talking about light, dark, stars and planets.



To Infinity and Beyond

Fantastic Finish: Watch Tim Peake launch to ISS on 15th December.

History

- Investigate British History
- Research the timeline of The Space Race and compare Russian and USA interest.
- Historical Characters - Neil Armstrong, Buzz Aldrin.

Geography

- Study the location of UK countries and cities alongside the continents and seas of the world.
- Investigate the differences between physical and human environmental features.
- Developing map skills.

2015

Science

Materials:

- Compare and group materials together, according to whether they are solids, liquids or gases, and link to planets. Observe that some materials change state when they are heated or cooled, and measure.
- To understand that materials can be changed by squashing, bending, twisting and stretching

Sound

- Discuss and identify how sounds are made, associating some of them with something vibrating
- Recognise that vibrations from sounds travel through a medium to the ear
- Investigate whether sounds get fainter as the distance from the sound source increases

Light

- Investigate how sound and light travels in different ways.
- Investigate the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye - like the moon.
- Investigate and predict how the size of shadows may change according to the relative positions of light sources and objects.

Music

Develop our voice in different ways and sing or speak rhymes.

Build and clap short rhythms, making them longer with help
Learn Harvest and Christmas Songs

Computing

- To look at e-safety and ensure all children are aware of the rules to keep them safe.
- Using coding and programming to make an astronaut game.
- Exploring how computer games work
- Developing word processing skills through letter writing.

RE

- **Theme1:** Christianity: What did Jesus teach us?
- Is it possible to be kind to everyone all of the time?
- **Theme2:** Christianity: Christmas Why did God give Jesus to the world? Is God important to everyone?

Extra: Y2 Sparkenhoe. Y3/4 Robert Smyth Rocket Science

Mrs Bolton