

MATHS

We will be covering the following topics in maths no problem:

- Number and Place Value: Numbers to 10
- Counting to 10.
- Counting Objects to 10
- Writing to 10.
- Counting to Zero.
- Comparing Numbers and Objects.
- Ordering Numbers
- Comparing Numbers
- Calculations: Addition and Subtraction :
 - Number Bonds
 - Making Number Bonds
 - Making Number Stories
 - Addition Within 10
 - Subtraction within 10
 - Add and subtract by Using Number Bonds
 - Add and subtract by Counting On
 - Completing Number Sentences
 - Using Addition and Subtraction to solve



SCIENCE

Investigate and describe the simple physical properties of some everyday materials, such as hard or soft; stretchy or stiff; rough or smooth; opaque or transparent; bendy or rigid; waterproof or not waterproof and magnetic or non-magnetic. Compare and group materials in a variety of ways, such as based on their physical properties; being natural or man-made and being recyclable or nonrecyclable. Describe, following exploration, what simple electrical circuits can do. Gather and record data about the Moon and the eight planets in our Solar System, using a range of non-fiction books, posters, the web and video clips. H3051

YEAR 1 AUTUMN 1 TOPIC WEB 2022

PE

Throughout the term the children will develop fundamental movement skills, become increasingly competent and confident and access a broad range of opportunities to extend their agility, balance and coordination, individually and with others.
In this term the focus for PE will be football.

ENGLISH

Man on the Moon (a day in the life of Bob) by Simon Bartram: It's Bob's job to keep the Moon clean and tidy. He also welcomes tourist spaceships and gives guided tours. Bob's daily routine is described in a matter of fact tone, and his disbelief in aliens is frequently referred to. However, the detailed, period pictures, tell a different story and readers will soon spot the little green men lurking in the background.

Overall aims of this teaching sequence:

- To talk confidently about a picture book and respond to it in a range of ways.
- To consider the ways in which illustrations can deepen and enrich the meaning of a text and enhance the reader experience.
- Children sustain listening, responding to what they have heard with relevant comments and questions.
- To develop reader response by exploring interpretations of themes, plots and characters' actions and motivations through discussion and reflection.
- To write in role in order to explore and develop empathy for characters.
- Children develop understanding through reading and responding to a range of non-fiction texts.
- To write in a range of forms suited to different purposes and audience.

MOON ZOOM!

TOPIC (HISTORY)

Major space events could include the first dog in space (1957), first human in space (1961), first humans on the Moon (1969), launch of Hubble Space Telescope (1990), first British person in space (1991) and final launch of the American Space Shuttle Program, STS-135 (2011). We will use information books and other available historical resources to find out about Neil Armstrong and Buzz Aldrin (the first men to land on the Moon). Record their findings in a simple non-chronological report or illustrated sentence, including why they are significant and their impact.

HOME LEARNING

Find out and write down the names of the planets in our Solar System. Place them in order, based on their distance from the Sun.

- Choose your favourite planet from our Solar System. Find out and write six interesting facts about it. Tell an adult your interesting facts.
 - With adult supervision, use the internet to find out and record the names of five people who have travelled into space. Have any of the people that you have chosen walked on the Moon?
- Constellations are shapes made by stars in the night sky. Use an app, such as Star Tracker, to find out the names of some different constellations. Draw and label two constellations.
- Finish your home learning by writing some sentences or explaining to an adult what you have learned about planets, space travel and materials and their uses.