

Literacy

Key Text: *Man on the Moon* by Simon Bartram

Purpose for writing: *Recount—diary entry*

Writing: Children will identify the structure and features of a diary entry and use this to plan their own entry from the point of view of Bob—the man on the Moon.

During this unit, they will focus on the use of first person and secure their understanding of using a range of sentence structures: simple, compound and complex. Alongside this, they will continue to use adverbial phrases of time, place and manner to build cohesion within and across paragraphs. Lessons will have a focus on vocabulary and children will be encouraged to use ambitious word choices throughout.

Grammar: The focus in this unit will be to use a range of punctuation for parenthesis and the use of relative clauses to add detail.

Word Reading/Comprehension: Children will focus on understanding new vocabulary in context and applying this in their own work. They will also focus on the specific VIPERS skill of using details stated and implied to form predictions.

Geography

Focus: *North and South America*

Children will begin the unit by revisiting previous knowledge about the continents of the world. They will identify the locations of different countries as well as the major cities within North and South America. The children will also explore the climate, geographic features and the famous landmarks across the Americas. The children will do a study of the different biomes that can be found on these continents. These include areas such as rainforests, deserts, and grasslands. Finally the children will compare the different populations in various areas of North and South America.

DT

Focus: *Digital World*

In this unit the children will be creating a product design based on a brief given to them by a “client”. They will be asked to combine the most purchased products from an outdoor equipment store into an all in one product. These products include a GPS tracker, a compass, a map, a torch, and a pedometer. Next, they will use a computer program to code the navigation device included in their new product. While finalizing their design the children will consider what materials will be the best and most sustainable to use. Finally they will present their products to the class and act as the client evaluating each of their peer’s designs.

Year 5/6 Autumn 2

Computing

Coding — The children learn to create and find problems (debug) with computer code that creates a desired outcome.

Spreadsheets — Enabling the children to see the real world applications of computer programs using spreadsheets to calculate totals and profits and loss.

Maths

Year 5
KIRFS Focus: Recall multiplication and division facts for all the times tables up to 12x12

Fractions:
In Year 5, the children will continue to learn about fractions as numbers, measures, and operators. They will extend their knowledge of fractions to thousandths, and will start learning about percentages.

Year 6
Key Facts: Identify common factors of a pair of numbers.

Fractions:
In Year 6, your child will calculate and solve a variety of problems using fractions, decimals, and percentages. This includes:

- using common factors to simplify fractions
- multiplying pairs of fractions and dividing fractions by whole numbers
- multiplying one-digit numbers with two decimal places by whole numbers (for example, 1.25×2).

The Amazing Americas!

Music

Focus: *Classroom Jazz*. The children will learn to play a jazz composition using instruments and innovate their own piece of jazz inspired music through improvisation

Science

Physics: *Earth and Space*

In this unit, pupils will learn to describe the planets in our solar system as roughly spherical bodies and they will investigate how this was discovered. Children will know the names of the planets in our solar system and describe the movement of the Earth and other planets relative to the Sun as well as the movement of the moon in relation to the Earth. Pupils will then go onto investigate the idea of the Earth’s rotation to explain day and night and the apparent movement of the Sun across the sky.

PE

Year 6 Focus: *Gymnastics*

The children will create a sequence set to music using shape, bounce, stretch and broad jumps. They will then evaluate the sequences against a criteria.

RE

Focus: *Was Jesus the Messiah?*

Pupils will learn that Christians believe Jesus is God in the flesh and how they see him as their Saviour. Children will explore Christian’s belief that Jesus’ birth, life, death and resurrection were part of a longer plan by God to restore the relationship between humans and God. For Christians the fact that God, as Jesus, walked the earth and lived with humans, offers an incredible vision of Salvation. Children will be given the opportunity to look at the idea of salvation and how this impacts on Christian’s way of life.

PSHE

Focus: *Living in the Wider World*

Pupils will be taught about respect for self and others and the importance of responsible behaviours and actions. They will look at the rights and responsibilities as members of families, other groups and ultimately as citizens. Children will have the opportunity to understand where money comes from, keeping it safe and the importance of managing it effectively.

French

Focus: *The Planets*

In this Unit, children will learn key vocabulary and phrases connected to the planets in our solar system. This learning will link with our science unit and will culminate with children creating a presentation in French about our solar system.