

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 also 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.

Year 5/6

Autumn 2

Computing

Coding —

To represent a program design and algorithm.

Spreadsheets —

Using spreadsheets to calculate totals and profits and loss.

Maths

Year 5:

Key Facts: Recall all prime numbers up to 19, recall square numbers up to 144 and know the notation for squared (2), recall cube numbers

Multiplication and division

Children will continue to build on their knowledge of multiplication and division, exploring formal written methods with increasingly difficult problems..

Perimeter and area

Children apply their knowledge of addition and multiplication to finding perimeters and areas of rectilinear shapes.

Year 6:

Key Facts: Recall order of operations, apply times table knowledge to decimals where both numbers are decimal numbers

Fractions: Children will continue to build on their knowledge of fractions to incorporate all 4 operations using fractions as an operator. They will simplify fractions and find increasingly complicated fractions of amounts.

(Please see our Calculation Progression document on our website for Place Value, Addition, Subtraction, Multiplication and Division strategies.)

Geography

Focus: North and South America Children will begin the unit by revisiting previous knowledge about the continents of the world. The rest of the unit will then focus on the physical and human geography of North and South America. Pupils will develop their use of atlas and maps to locate countries within these continents and their capital cities. Alongside this, they will identify key rivers and mountain ranges and mark them on maps using keys. Once children have an overview of these two continents, they will look specifically at the Colorado river and gain an understanding of the role it has played in the formation of the Grand Canyon.

(Please see Geography knowledge organiser for essential knowledge and vocabulary to be learnt.)

The Amazing Americas!

Science

Physics Earth and Space:

In this unit we will describe the planets in our solar system as roughly spherical bodies and investigate how this was discovered. We will know the names of the planets on 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. We will then go on to investigate the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

In this school we believe that pupils should learn the scientific declarative knowledge alongside procedural knowledge (working scientifically). Where possible each lesson will have a Working Scientifically objective (procedural knowledge) and a separate declarative knowledge objective which is made up of statements the pupils will know by the end of the lesson.

(Please see Science knowledge organiser for essential knowledge and vocabulary to be learnt.)

DT

Focus: Planning, preparing and cooking a Thanksgiving Feast.

Children will begin the unit by researching the significance of Thanksgiving and the reason for a Thanksgiving Feast. The rest of the unit will then focus on the research of traditional Thanksgiving foods with the intention to plan, prepare and cook their own. Children will develop their understanding of balanced nutrition, sustainability and that all of our food is either grown, reared or caught. The unit will conclude with children creating their own Thanksgiving Feast using a variety of preparation techniques: Chopping, peeling, dicing, and a variety of cooking techniques: Baking, roasting, boiling and frying.

(Please see Geography knowledge organiser for essential knowledge and vocabulary to be learnt.)

Music

Focus: Christmas. This term's music lessons will focus on songs for Christmas; Sing up—It's Christmas and Love Shone Down.

PE

Year 5 Focus: Dodgeball and The Haka.

Year 6 Focus: Gymnastics

PSHE

Focus: Living in the Wider World

Our focus this term is on what jobs we would like and what decisions we should make with money.

RE

Focus: Was Jesus the Messiah? This unit will begin with children recapping the knowledge that Christians believe Jesus is one of the three persons of the Trinity: Father, Son and Holy Spirit. The children will then consider that the Messiah was widely expected to be a prophet who would re-establish the line of King David on the throne in Jerusalem, site of the Temple of God, drawing all nations to God. As the extraordinary events of his life unfolded, Jesus' followers started to think he could be the Messiah. When Jesus rode into Jerusalem on a donkey on Palm Sunday, there

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.