

Class: Hawthorn
Term: 1

Literacy

Key Text: Cogheart by Peter Bunzl.

Purpose for writing: Our first literacy unit for this term will be a fiction unit, focusing on character description. We will begin by doing some reading work based on the book Cogheart. The descriptions in this will be used to base our own character descriptions on. Our second unit will be a non-fiction unit on persuasion. This will be based around current events. We will also have the opportunity to create some cross-curricular writing linked to our Quest with the children writing their own information report about visiting mountainous regions.

Grammar: One of our focuses this term will be about different types of word classes and children identifying them in sentences. This will include different noun types and using expanded noun phrases, determiners and articles. We will also be doing some punctuation work, exploring the use of possessive apostrophes.

Word Reading / Comprehension: As part of our reading this term, we will be looking at inference, with the children developing their skills of how to infer from information given and also practicing their answers when representing this.

Computing

Focus: Online safety In this unit about online safety, children will be introduced to the idea of the internet, shaping our ideas about boys and girls through stereotypes. Children will be given ways to deal with online content that they find worrying or even dangerous.

Quest: Life Cycles

In this quest, children will be listening to the experiences of a mountain climber. They will then be given the challenge of creating an information book about visiting and climbing mountains. They will find out all about mountains, through geography and also look at the life cycles of animals that are present on the mountains in science. Mountain vehicles will be explored in DT.

Geography

Focus: Mountains

The geography this term is focused upon the topic of mountains. We will begin the unit by using the position of mountains to explore lines of longitude and latitude including reviewing other significant invisible lines on the Earth. We will then explore a number of different mountains and mountain ranges both around the world and within the UK. This will include looking at contour lines on maps and using potatoes to create some of our own contour lines! After this we will be looking at the features of mountains such as ridges and plateaus and then exploring how mountains are made with children naming all the different types of mountains and explaining their creation. Finally we will be exploring the climates of different mountains and investigating as to whether the position of a mountain is the only contributing factor to its weather system.

Music

Focus: Livin' On a Prayer In this unit of work, all the learning is focused around the one song, Livin' On a Prayer. Children will be learning singing, playing, improvising, musical dimensions (pitch, pulse, rhythm etc) and also be given the opportunity to listen to and appraise other rock songs.

PE

Focus: Cognitive Skills In this unit, children will have the opportunity to, through a range of activities and sports, develop their cognitive skills in PE. Over the unit, they will be focusing upon: asking why, describing how to improve, making good decisions and analyzing performance.

PHSE

Focus: Safety First In this unit of work, children will focus on achievements, aspirations and opportunities. They will look at personal achievements and also barriers to success.

DT

Focus: Pulleys and Gears

This unit will teach children about the technical skill of using pulleys to create a working vehicle. The children will be given the task of creating a mountain vehicle and will use electrical circuits and a pulley system to allow movement. They will also explore how different design choices will affect how suitable the vehicle would be for mountain travel.

Maths

Year 5 Place Value: In this unit, children will be examining the place value, ordering and rounding of numbers up to a million. Pupils will revise Roman numerals and also look at negative numbers. **Addition and Subtraction:** Year 5s will be adding and subtracting with more than 4 digit numbers, estimating and approximating and then use inverse operations. The unit will complete with multi-step problem solving. **Statistics:** Year 5s will be exploring statistics in different forms including charts, line graphs and tables. They will also recap comparison, sum and difference.

Year 6 Place value: In our place value unit, year 6s will be using numbers up to 10 million for ordering, comparing and rounding. They will then round any number and finally look at negative numbers. **Addition, subtraction, multiplication and division** After lessons on addition and subtraction, the children will then recap multiplying by 1 digit numbers before moving onto 2 digit numbers. The next step will be division, beginning by dividing by a 1 digit number and then using long division. After this we will explore factors, multiples and primes before completing with square and cube numbers and finally the order of operations.

Science

Biology: Living Things and Their Habitats

IN this unit of work, children will learn about classification of living things including microorganisms. They will find out about the standard system of classification, first developed by scientist Karl Linnaeus. They will research different animals' classification. They will then learn about micro organisms and conduct an investigation into the growth of mould on bread and discover what different types of microorganism there are, finally designing their own. The children will then put their learning into practice by creating a field guide into living things in the local area, showing how and why each one is classified.

Working Scientifically: Children will learn to identify differences, similarities or changes between scientific ideas and processes.

RE

Focus: Christianity: What kind of king is Jesus? In this unit, children will begin by exploring that they think it means to be a king. They will then explore the world that Jesus wanted. They will then discuss what the kingdom of god means and that it is not a geographical kingdom.

French

Focus: Getting to Know You

In this unit, the class will learn to express what they want to do when they get older in French. They will investigate typical French names and spellings and also learn how to describe emotions in the context of asking someone how they are.

