

## English

### Fiction 1 – 'Imaginative stories'

*The Hole*, by Oyvind Torseter. Children ask and answer questions and use inference skills to speculate about what is happening. They then write their own version based on the book.

### Fiction 2 – 'Stories in familiar settings.'

Explore familiar settings by meeting Horrid Henry and his friends (and enemies).

### Non-Fiction 1 – 'Instructions and explanations.'

This creative unit uses art activities and the book *The Usborne Complete Book of Art Ideas* as a vehicle for instruction writing.

### Poetry – 'It's raining cats and dogs.'

Children explore lots of poems about dogs, cats and other pets. They investigate the form and language of a poem and make comparisons.



The Learning Challenge  
**CURRICULUM**

## Ghyll Royd School Year 4 Autumn 2020 Termly Overview

## Mathematics

### Place Value

3 and 4 digits on a number line.  
Place value in 4-digit numbers.  
Place value additions and subtractions.  
Using place value in calculations.

### Addition and Subtraction

Mental addition and subtraction  
Column addition  
Written subtraction

### Multiplication and Division

Doubling and halving  
Grid multiplication and chunking methods.

### Measures and Data

Telling the time to the nearest minute.  
24 hour clock.

## Computing

### Newspapers, Magazines and Publications.

I can alter my text to suite my style of writing.  
I can match suitable images to my text.  
I can use simple photo effect tools.  
I can use 'wizards' to produce a simple layout.

### Modelling and Simulations.

I can explore ways to solve a game or puzzle.  
I can predict what might happen from making choices in a simulation/game.  
I can explore and record the possible outcomes in a simple simulation game.  
I can change the rules in a simulation game.  
I can make comparisons/inferences about the real world from simulation games.

## Vikings: Valiant Or Vicious? What Makes The Earth So Angry?

## Science

### Light

Children will learn about different sources of light, and that we need light to see. They will work scientifically and collaboratively to investigate reflective materials, in the context of designing a new book bag. Children will work in a hands-on way to play a range of mirror games, finding out more about reflective surfaces and also discover how shadows change.

### Rocks and Fossils

Children will learn about the different types of rocks and how they are formed. They will compare and group rocks based on appearance and simple properties. They will find out how fossils are formed and learn about the contribution of Mary Anning to the field of paleontology. Children will understand how soil is formed and then investigate the permeability of different types of soil.

## Humanities

**History** – Children develop their knowledge of the Viking invasion and settlement in Britain, through a series of practical and informative lessons that have imaginative outcomes. They will learn about where the Vikings came from and why they felt the need to explore further, what a Viking longhouse looked like, how they designed and built Viking longships as well as their raids on the coast of Britain.

**Geography** - This Extreme Earth unit teaches children about the destructive powers of nature, from volcanoes and earthquakes to tsunamis and tornadoes. Through discussion and practical tasks, children will learn about how and why these natural phenomena occur, and the ways in which they affect people and the environment.

## RE, MFL and Reasoning.

**MFL** - This term we will learn to talk about the sports we do and don't like to play. We will combine this with learning the days of the week and other outdoor activities. Next we will learn the names of some fruits and learn how to buy them from a market.

**Verbal Reasoning** – Groupings, similar/opposite meanings, finding 3 letter words to make other words, compound words.

**Non Verbal Reasoning** – Similarities and sequences.

**RE - Special Books** The children will learn more about main religions and focus on the significance of their holy books.

**PSHE – What are the rules that keep us safe?** Online safety, road safety, hazards and dangers and how to respond in an emergency.

**What can we do about bullying?** Recognising bullying, strategies to respond to bullying, asking for help and support.

## PE and Creative Arts and Design

### PE & Games –

Games - Football  
PE – Hockey

### Art/DT –

This term we will be designing and drawing in detail, a dragon, to be used as the figure head for a Viking long boat. We shall consider pattern, texture, colour and form in this piece of artwork.

### Music –

Exploring sound families. The Valiant Vikings – a creative response. Exploring Pulse and Rhythm – part reading scores. Viking Gods and Angry Seas.