

## Maths

Finding percentages of numbers and quantities  
Finding a percentage change  
Using percentages to compare  
Comparing quantities using fractions and ratios  
Writing and evaluating algebraic equations  
Writing, using and solving formulae  
Finding the area and perimeter of rectangles, parallelograms and triangles  
Solving problems involving angles  
Investigating angles in triangles and quadrilaterals  
Describing position and translations using co-ordinates on a grid

## Reading

- Retrieve and record information from non-fiction.
- Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence.
- Predict what might happen from details stated and implied.
- Summarise the main ideas drawn from more than one paragraph, identifying key details that support the main ideas.
- Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.
- Identify how language, structure and presentation contribute to meaning.
- Distinguish between statements of fact and opinion.
- Make comparisons within and across books.
- "The Lion, the Witch and the Wardrobe" and "The Magician's Nephew" - applying skills using VIPERS.

## History

- Comparing and contrasting exploration through time
- Investigating and researching the different explorers of Antarctica
- Placing the different Antarctic expeditions in chronological order

## Key Concepts

- Sustainability
- Diversity
- Interdependence
- Determination

## ICT

### E-Safety

- To practise the safe sharing of information online
- To identify public and private spaces

### Coding

- Program inputs, conditions and loops
- Operators for directions

## Geography

- To understand what a biome is
- To identify different types of biome
- To identify biomes on the world map

# Extreme Earth

## Inquiry Question

What makes a journey challenging?

## Learning Links

Year 4 - the location of the North and South poles, biomes and deserts in Africa.

Year 5 - Vikings (explorers and traders), forest biomes and animal adaptation for survival.

## Art

- Identifying key features of the style of Edward Gorey
- Practising different methods of mark-making and discussing their effect
- Final project: a scene from Narnia in the style of Edward Gorey using mark-making

## R.E.

- Understanding Christian beliefs about heaven and hell.
- Understanding Christian beliefs about how their actions on Earth affect their afterlife.
- Comparing Christian and Islamic ideas about the apocalypse.

## Science

- Classifying different animals, plants and micro-organisms
- Give reasons for why we classify
- Recognise that living things have changed over time
- Recognise that living things produce offspring and they vary from their parents
- Identify how animals and plants adapt to suit their environment.

## English

### Informal Letter

Independent write: Letter home from Lucy

### Narratives

Scaffolded write: First half of narrative about a character going to Narnia

Independent write: Second half of narrative about a character going to Narnia

### Non-chronological reports

Scaffolded write: A non-chronological report about Mr Tumnus

Independent write: A non-chronological report about the character in their narrative