

As Geographers we will...

locate the seven continents and five oceans using maps, digital mapping and globes. We will know the position of the equator, North Pole and South Pole and be able to identify these on a map of the world. We will use our knowledge of the equator to locate hot and cold areas of the world and identify and compare some of the physical geography of these locations. We will make links with prior learning about climate and weather patterns to compare the seasons and weather of these locations.

As Scientists we will...

investigate different materials and identify their properties. We will classify and group materials according to these properties. We will make predictions about which materials are most suited to a specific purpose and will perform tests to investigate this. We will work scientifically, making observations, interpreting the results of our investigations and drawing conclusions. As scientists we will begin to gain an understanding of scientific discoveries linked to materials and how they continue to impact everyday use. The children will make links with prior learning about everyday materials and what objects are made from.

In Computing we will...

develop our understanding of instructions in sequences and the use of logical reasoning to predict outcomes. We will use given commands in different orders to investigate how the order affects the outcome. We will learn about design in programming and develop artwork to test its use in a program. We will design algorithms and then test those algorithms as programs and debug them. We will learn how to keep safe when using information technology.

Key Vocabulary

Africa	Antarctica	Arctic Ocean
Atlantic Ocean	Asia	climate cold
Europe	hot	ice caps/sheet Indian Ocean
North America	Northern Hemisphere	Oceania
Pacific Ocean	North Pole	Southern Hemisphere

Year 2 – Spring 1 2025

What makes the world hot and cold?



As Mathematicians we will...

develop our understanding of multiplication when representing equal groups. We will use our understanding to count in 2s, 5s and 10s.

We will understand the role of commutativity and be introduced to division structures.

In PE we will...

focus on agility, balance and coordination.

In RE we will...

explore the key question 'what is true?' linking core beliefs with key people of faith.

As Readers we will...

clarify new words, make predictions, summarise what we have read and ask and answer questions about what we are reading.

We will read with an adult regularly as part of our Read, Write Inc. sessions and we will also try to read every night at home.

As Writers we will...

develop our foundational skills of handwriting, spelling and sentence structure. We will be inspired by the text 'Meerkat Mail' and the fairy tale 'Jack and the Beanstalk'.

In the Arts we will...

learn about the significant collage artists, Henri Matisse and Eric Carle. We will explore what collage is and how a collage can be created. We will sketch to develop our collage ideas and explore using paint to create our own patterned papers. We will experiment with ripping and layering paper to create a collage on a shared theme.

As musicians we will explore the sounds of hot and cold places and use these as an influence to compose a piece of music linked to Antarctica. The composition will involve composing notated rhythms, graphic score icebergs and graphic score sounds.

In Jigsaw we will...

explore the theme 'Dreams and Goals'.