

Extreme Earth Year 4 Autumn 2



Thematic Areas of Learning

As **Geographers** we will be learning about the location and physical geography of the Arctic, Antarctica and the deep sea and how these environments have changed over time.

As **Artists** we will be exploring a range of Antarctic pieces to inspire our own work based on the Arctic and deep-sea environments. We will explore the works of David Paige. We will be learning about a range of techniques different artists use and developing our skills of shading, water-colour painting and sketching. We will also explore water-based art to create a deep-sea piece.

Curiosity

English

Adventure stories – we will be exploring and creating our own stories based on the extreme Arctic environment. We will be learning to write to entertain the reader.

Communication texts – we will be learning to write letters to inform and persuade others about helping to save the environment.

Conservation

Maths

Following the AET mathematics scheme we will be learning:

- to develop our knowledge of multiplication and division
- how to interpret negative integers
- to manipulate shape by exploring angles, symmetry and classification of shapes.

Religious Education

In R.E. children will be answering the question, 'What is the most significant part of the Nativity to Christmas today?' We will be learning about how the religious symbols associated with Christmas reflect symbolism.

Communities

Computing

In computing we will be using operators to compare numbers, adding code to detect when a sprite is touching a colour and using a variable to record the time in Scratch. We will be designing our own boat game.

Music

Relating to our learning on 'Extreme Earth', our music lessons will focus on exploring the features of rainfall. We will be evaluating instruments and techniques to compose our own rainfall pieces, performing these.

Physical Education

We will explore the outdoors and adventurous challenges both individually and within a team. We will develop the physical skills needed in orienteering – agility, balance, coordination and teamwork.

Coaching

French

In French we will be using language of days, dates, and celebrations to make a birthday party invitation, learn new Christmas vocabulary while learning a Christmas song. We will also recap numbers.

PSHE

We will be learning how we can celebrate people's differences and how we can accept others and ourselves.

Character

Character

Children will develop their awareness of how their decisions can affect others. Every week we will continue to work through the school's Christian values in class and assemblies.

Coaching

We will be coaching each other to make positive changes within our day to day lives. We will be exploring how to evaluate our work and identify how we can improve.

"I've learnt that no one is too small to make a difference."

Greta Thunberg

Communities

Through Geography, we will be exploring the effects of climate change on communities around the world and the similarities and differences between them.

Conservation

We will be learning about how we can make positive changes to our day to day lives to protect habitats and animals around the world.

Curiosity

Curiosity will drive our learning this term as we ask questions and investigate how different art techniques can influence our work.