



RESCUE



Extreme Earth

What challenges do we face in extreme environments?

This term in Year 3 we will be investigating how extreme our world can be! We will be developing the children's curiosity and fascination about the world around them and the people who were also inspired to explore and discover areas of our world previously untouched by humanity. They will be learning where the most diverse places on earth are, including both natural and human environments, together with a deeper understanding of how the Earth's features are shaped, interconnected and changed over time. Children will be also learning the geographical skills needed to be able to navigate the world, know their place and that people and places around the world are interdependent.

English

Throughout the spring term, Year 3 English lessons will be using a range of high quality texts to engage the children as writers. They will further develop their writing skills to create their own individual pieces of written work. Writing during the first half term will begin with a narrative writing focusing on the text, *The Flood* by Alvero F Villa and leading onto a newspaper report using the text *Shackleton's Journey* by William Grill. These texts will encourage the children to use their imaginations while exposing them to a wider range of high level vocabulary as they move through the different literary genres and writing styles.

Maths

Children will begin the Spring term by looking at Multiplication and Division. Children will focus on number line methods for both operations but will also look at grid method for multiplication. Alongside the formal methods children will also be looking at equal groups and arrays within multiplication and focussing on the time tables of 2,5,10 and 3,4,8. For these times tables the children will be looking at the multiplication aspect and the related division facts. After looking at multiplication and division the children will then move onto money concentrating on pounds, pence, conversion and addition and subtraction. Then they will begin to look at lengths (units of M, CM and MM) and perimeter of simple shapes. Children will use a range of manipulatives and resources to support themselves alongside their own work. They will also become more confident with applying these strategies to a range of reasoning and problem solving tasks.

Science

Children will be continuing their learning on Sound before moving onto the unit of Forces and Magnets. We will be making predictions about how objects move on different surfaces as well as comparing how things move knowing that some forces need contact between 2 objects, but magnetic forces can act at a distance. We will also be observing how magnets attract or repel each other and how they attract some materials and not others.

Following on from this, children will be comparing and grouping materials together, according to whether they are solids, liquids or gases. They will be observing how some materials change state when they are heated or cooled. They will also learn about the water cycle and the role of evaporation and condensation.

Humanities

As geographers this term, the children will be using maps and atlases to be able to identify the most extreme places on earth, starting with the polar regions. They will be looking at the difference between physical and human features of the Antarctic and comparing this to our own environment. These skills will then help us to begin to make our own maps to be able to plot the journey of Shackleton to show how he attempted to reach his goal. We will also be using digital computer mapping to be able to apply and present our skills using technology. This will be further developed by applying compass work and grid references in the second half term as we compare the extreme polar regions to the mountainous areas of our world.

RE

This term children will explore the metaphor that some people think that life is like a journey marked by significant life experiences. We will discuss is Religion a 'map of life?' We will also be exploring basic ideas about what Hindus believe about life after death. The children will focus on creating a 'map of life' for a Hindu, showing what this religion offers to guide people through life's journey. Finally, the children will end this religious unit of work by exploring the idea of reincarnation.

Art

The children will be exploring the work of fell walker, author and illustrator, Alfred Wainwright with a key focus on pencil sketching. They will develop skills further to include, layering, sketching, and exploring different line types, whilst looking at different textures they can create. Also, children will experiment with different pencil types and the effect they have. They will also be using research to help inform their inspiration for their work.

PE

In the first half term, children will be taught Football. This will be through coaching sessions with Mr Knapp. They will be passing the ball with accuracy, dribbling, using communication and movement in a game situation and learning the rules of the game.

In the second half term during Rugby, children will learn how to pass and receive the ball with increasing control and accuracy, show some movement during activities and games before applying this to a game and understand and apply the rules of the game.

ICT

Pupils will be using the program Scratch to create algorithms, explaining how their animation works. Children will learn what input and output devices are such as microphones and speakers before learning several devices have inputs and outputs built into them. Children will then use this knowledge to create their own programs using the input and output devices that are part of the iPad. They learn about different commands and which input and output devices they control. Children will spend time experimenting with different combinations of inputs and outputs before turning algorithms into programs.

PSHCE

In the first half term children will be recognising the importance of respecting others when they are different from themselves either physically, character, personality or background. They will be looking at the different types of bullying, the impact this can and how to support others in this situation.

In spring 2 children will be learning about how to stay safe in the sun and reduce the risk of sun damage as well as the concepts of basic first-aid, how to contact emergency services and dealing with common injuries.

Music

As Musicians each class will take turns to learn how to play the Ukulele, these sessions will be taught through a specialist music teacher, Mrs Attack from Wakefield music services. The next class to have this opportunity will be 3HN. During these lessons the children will also take part in some composition as well as singing. Each week we will also have a singing assembly where the children will continue to learn the importance of breathing and posture when performing to an audience. We will be learning the songs, Born to be Wild, Try Everything and Touch the Sky.

Recommended Reading/Learning Links

