

Class Asia Topic Web

Spring Term 2022

Extreme Earth

(please note planning may be subject to change)



Mathematics

Children will continue to develop their mathematical understanding in regular mathematics lessons. They will build on and consolidate their learning through practical work, practise and have the opportunity to use their learning to solve puzzles and problems. Our programme of study will include the following:

- Number and place value
- Addition and subtraction
- Multiplication and division
- Perimeter
- Fractions
- Decimals and percentages
- Measurement
- Time
- Statistics
- Angles
- Area
- Shape and symmetry
- Position and direction

The pitch and pace of the work will be sensitive to the needs and rate of learning of all the children in class.

PE

PE will be twice a week on a Thursday and a Friday. On these days, pupils will need to wear their PE kit to school. ***They will need to keep a spare pair of shoes/trainers/trousers (clearly named) in school to change in to if their PE kit gets wet or muddy.***

GWS - Let Our Light Shine

PSHE

PSHE will be taught through three main themes; Health and Well-being, Relationships and Living in the Wider World.
Lifelong Learning Values - During this term we will be focusing on perseverance and integrity/
Growth Mindset - this recognizes that everyone's intellectual ability can always be further developed.

Topic - We will:

Explore the Earth's extreme climates.

Find out about the water cycle.

Investigate a variety of extreme weather phenomena, such as tropical storms, floods, lightning, hurricanes and tornadoes, and the effects these can have on people and the landscape.

Explore how the Earth's surface is split up into tectonic plates and the resulting earthquakes that occur when they move.

Find out how tsunamis are caused by earthquakes under the sea floor, focusing on the effects that tsunamis can have on an environment.

Identify the differences between a volcano and a mountain.

Discover how volcanoes are formed and what happens when one erupts.

Art and DT

We will:

Explore the movement of tornadoes and use line, shape and shading to create colourful tornado pictures.

Explore Hokusai's artwork The Great Wave by investigating how woodblock prints are made.

Design, make and evaluate an information box which provides interactive information on natural disasters.

French & Music (with Mrs Welch)

English

Our English lessons will be linked to our topic work where possible and will enable the children to explore narrative writing and explanation texts.

Our reading comprehension work will develop the children's ability to draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying those inferences with evidence from the text.

Computing (with Mrs Green)

As part of our online safety lessons, we will be focusing on online relationships and bullying. We will continue to develop our programming skills. We will use computers and iPads to research to support learning in other areas of the curriculum.

Science (Yr 4)

During the first half term, we will be focusing on states of matter. We will learn about the differences between solids, liquids and gases, classifying objects and identifying their properties.

In the second half term, our topic will be animals including humans. We will learn about the simple functions of the basic parts of the digestive system in humans, identifying the different types of teeth in humans and their functions and further developing our knowledge of food chains.

(Yr 5 with Miss McCullough)

Forces followed by Living Things and Their Habitat

RE

Hinduism - The children will learn about Brahman and the AUM symbol, The Trimurti and Hindu creation stories.

Christianity - The children will learn about the last week in Jesus' life and why Easter is important to Christians.