

Earth Matters!

Class 3

Summer Term 1 2018



Key Areas of Learning

As Geographers - We will study the water cycle and the physical geography of coasts and coastal features. We will also learn about coastal erosion and the impact of the sea on human activity. The children will make models of the water cycle in bottles and link this to the main processes involved. They will research the main types of coasts found in the UK and create a class display.

The children will also learn about the main land biomes of the world and make their own biome in a bag - observing it over a few days, thereby learning about photosynthesis, the water cycle and the relationships between climate, nutrients and vegetation within ecosystems.

English - Our English work this term will link closely with our topic work. We will be focusing on non-fiction writing, including information/explanation texts, persuasive texts, news reports and debates.

The children will write concise explanations of the water cycle and 1 of the coastal process, including information for a class display. They will also write, deliver and evaluate a persuasive debate speech linked to coastal tourism.

Science - Light - The children will:

Investigate the effects of light angle on the shape and definition of a shadow.

Explore the way humans see colour and investigate the impact of coloured lighting on coloured props or costumes.

Have a go at splitting white light in an array of ways to create a colourful rainbow.

Explore the world of lighting effects and use mirrors to create reflections and direct beams to where they need to be.

Explore the world of concave/convex mirrors and show knowledge and understanding of the way light beams reflect.

Maths - Key Objectives:

- Compare and order negative numbers, count back in steps through 0.
- Read and write Roman numerals to 1000 (M); recognise years written in Roman numerals, revise two-place decimals and introduce 3-place decimals.
- Multiply and divide decimals by whole numbers; carry out long and short multiplications, use short division and long division.
- Introduce percentages; know equivalence between percentages, fractions and decimals.
- Solve ratio problems, add, subtract, multiply and divide fractions.

We will continue to follow the Abacus Maths scheme.

RE - Are you inspired?

This term we will be exploring the person and work of the Holy Spirit - to find out what inspires Christians in the past and today. As well as identifying who inspires us all as individuals, we will look at the meaning of Pentecost.

Computing - This term, we will be using the internet to research various aspects of our topic work.

French - Children will be taught to speak with increasing confidence, fluency and spontaneity. Our focus on vocabulary links to real life events.

PSHE - This term, we will focus on the value of **TRUST**. This will be explored through everyday school life and the way in which we treat others.

SMSC: To develop spiritual, moral, social and cultural awareness as pupils think about and express feelings. We will listen and respond appropriately to the views of others. We will work collaboratively with others.

Art/DT

Our Art/DT work this term will link closely to our topic.

We will be using Modroc and water bottles to create our own models of the water cycle and also junk models to recreate a mountain range.

The children will investigate biomes and will use arts and crafts materials to construct a model of the Eden Project.

Linking with our work in science on light, the children will also have the opportunity to design and make their own puppet theatre.

Community & Enterprise - We will continue to work towards becoming an outstanding reading school through daily guided reading sessions and ensuring the children develop a real passion for independent reading, both at home and at school.

P.E - This term, indoor P.E will focus on ball skills and will continue to take place in the village hall. Outdoor P.E will focus on cricket and rounders.

Music - As musicians this term, we will be learning about the stave and pitched notation. We will be playing chime bars, African drums and will be working on our own compositions.