



# CLIMATE CHANGE – A HOT TOPIC



## YEAR 6

### SPRING 2024-2025

**FOCUS CURRICULUM PRINCIPLES – FOCUS CURRICULUM PRINCIPLES – (1) High Quality Outcomes & Deep Learning. (2) Challenging, engaging and motivating (3) Coherent learning links and pathways**



## **KEY AREA OF LEARNING - GEOGRAPHY/HISTORY**

Our key area of learning this term will be in geography where we will be exploring climate change. We will begin by gaining an understanding of what climate change is and what causes it. Once we can explain this, we will then be looking at the effects of climate change on the Earth and how it will affect many lives. Importantly, we will recognise some of the key things human's do that speed up this process. All is not lost as we will learn what we can do in order to help slow down the process of climate change, particularly focusing on the Isle of Wight which will link to our fieldtrip

### SCIENCE

**Electricity** – Continuing from last half term, will be expanding on work the children have previously completed on circuits (in lower years) in order to design and make our own circuitry for different purposes. Importantly, the children will learn how to draw these correctly using the scientific symbols for features such as light bulbs, buzzers and cells.

**Light** – In this topic, the class will learn how we are able to see and how light travels. They will then do an in-depth study on shadows and how they are formed, creating an investigation to explore this further. To then finish the topic, we will learn about refraction and light pollution.

### ENGLISH

This term we will be reading two books, *The Invention of Hugo Cabret* and *Climate Change: A Hot Topic*. Hugo Cabret is a very unique book and one of my favourite children's books of all time. It is a combination of text and incredibly detailed drawings to drive the story and the children will enjoy being taken on a journey of many ups and downs. Hot Topic is a brilliant way for the class to learn about climate change as it personifies all the key elements involved making them easy to understand. We will be using both texts to create the following: setting descriptions, letters, short stories (of around 200 words), explanation texts, first person recounts and 3rd person narratives.

### MATHS

We will begin the term by continuing to secure our knowledge of how to use the 4 main operations, mainly through learning how to solve longer divisions with a written method. Towards the end of the term, we will also move on to confidently using fractions, decimals and percentages. We will be covering a range of topics under these areas such as, finding equivalent fractions, simplifying fractions, changing between mixed numbers and improper fractions, adding and subtracting fractions and comparing and ordering them too. Linking to fractions, we will be learning their decimal and percentage equivalents as well as how to calculate with both of these.

### HOMEWORK

There will be an expectation of daily reading at home and TTR/Prodigy weekly. Spellings will be set, with flexibility in how these are practiced, with regular testing. There will be a home project menu sent home with the expectation children do one a term, with the option to do more.

### COMPUTING

During computing this term, we will be learning how to code using different variables and procedures for a specific reason. Then how to create effective spreadsheets with purposeful formulas to present data successfully.

### PE

We will be focusing on a lot of our indoor-based PE sessions this half term including gymnastics, dodgeball and indoor athletics. We will also be moving back outside towards the end of the term when we change our focus to hockey.

### FRENCH

The children will be learning how to say a range of different pets and how they can be described. They will then focus on describing themselves using adjectives before revising the numbers 0-31 and months of the year, combining the two to give dates e.g. birthdays.

### PSHE/SMSC

In PSHE this term we will be finding out about the power of peer pressure and how it can be used to impact lives negatively. We will also be discovering how what we post on line has a degree of permanence to it that we cannot take back or remove.

### TRIPS/VISITORS

This half term we will be going on a fieldtrip around the local area in order to explore how coastal erosion is affecting the island. We will also study what the island is doing to slow this down and how climate change could exacerbate the speed it occurs.

### ART

This term we are going to focus on the art of Benjamin West, and Jenny Kendler leading to the creation of a sculpture based on Kendler's piece 'Birds Watching' and a collage based on West's series of works called 'Plant Machina'.

### DT

The children will be exploring how our food choices can contribute to climate change. We will be seeing how vegan choices can have a positive impact by planning, making and evaluating a two-course vegan meal.

### MUSIC

We will be exploring soundtracks to films and how different instruments and sounds are used to tell the story of particular scenes. The children will be using what they have learned in order to create their own instrumental to match a scene of their choosing.

### RE

At the end of the first half term we will be learning about rituals for Muslims through Eid and then at the end of the term we will learn about resurrection through the Christian symbolism of the empty cross.