



# YEAR 4 *It's Electrifying*

Some information to help you support your child this term

Spring

## CORE SUBJECTS

### Maths

This half term we will be learning about decimals and fractions. The children will be using money in relation to decimals and calculating fractions of amounts. We will be learning to use fractions with measures and calculate half, quarter and tenths of litres, metres and kilos.

For our shape work this term, we will be learning about the properties of shapes using mathematical vocabulary such as: parallel, perpendicular, acute, obtuse, regular and irregular. and recognising symmetry in shapes.

### English

In English we are going to be Mountain Rescuers for the day. We will learn about all of the different features and equipment a team needs to have on a mountain. We will then be using this experience to write our own adventure stories about a rescue.

Our main focus this term will be on writing speech correctly, structuring a whole story using paragraphs, keeping the reader engaged and using adverbials, prepositions and conjunctions.

Our non-fiction writing will be linked to our adventure stories and we will be writing a news report about a mountain rescue.

### Science (Topic)

For this term we will be investigating electrical circuits, finding out about conductive and insulating materials. We will be building circuits and using a range of components such as switches, buzzers and motors.

We will be investigating a range of ways to make static electricity and learning about the scientists who discovered how to create electricity.

We will then use this knowledge to create an electrical torch in our Design and technology lessons.

### Computing

Our computing work this term is called: We are meteorologists. We will be measuring temperature, rainfall, atmospheric pressure, wind speed and wind chill. We will use a variety of devices from analogue to digital. Once we have collected the data, we will be creating our own graphs in Excel. We will then try to predict the weather and become weather presenters.

After half term, we will be composing music using Garage Band on the I-pads.

## FOUNDATION SUBJECTS

### Geography

For our topic, we will be using our geographical skills to read maps and identify places from around the world. We will learn to use lines of latitude and longitude whilst investigating the impact a country's position has on its climate. We will be focusing on how the weather in mountains can affect life there.

### RE

This term, the children will be thinking about what kind of world Jesus wanted. We will be exploring the parables, making links between them and the idea of the Gospel. As we approach Easter, we will study the concept of salvation and the events of the Holy Week.

### Music / French

This term we will be learning the songs for our Easter show which will take place after half term.

We will also learn to explore sounds, signals and rhythms.

In French we will be learning all about food. We will be asking questions involving different food scenarios.

### D&T

We will be linking our D&T to our topic work this term and will look at how we can design, make and evaluate an electrical item. We will find out how to build a circuit and use appropriate materials to create a working model.

### Art

In Art, we are going to be working on a unit entitled 'Viewpoints'. We will study the work of the artist Turner who created images with dream like qualities.

Our paintings will represent different weather conditions and moods.