

Maths

Place Value:

This term pupils will read, write, order and compare numbers up to 10,000,000 and determine the value of each digit. They will solve number and practical problems that involve the above.

Addition, Subtraction, Multiplication and Division:

This term pupils will solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. They will use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.

Fractions:

This term pupils will multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

Measurement:

This term pupils will measure, calculate and convert units including metric measures, imperial measures, miles and kilometres.

Topic (Geography) – Natural Disasters

This term pupils will be able to identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones.

They will describe and understand key aspects of physical geography, including: volcanoes and earthquakes.

Pupils will also understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and a region within North or South America.

P.E

This term pupils will learn new skill and develop their social skills by working together in team games.

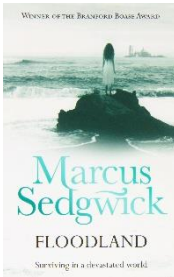
Language

This term pupils will learn Italian words and phrases.

Year 6 Autumn Term 2023 Topic Web

English

Class books: Foodland by Marcus Sedgewick, Poetry for young people by Maya Angelou, The vanishing Rainforest by Richard Platt and The Tempest – Shakespeare.



This term the types of writing that the pupils will focus on are narratives, poetry, persuasive letter writing and playscripts.

Grammar and punctuation

This term pupils will focus on selecting appropriate grammar and vocabulary to change and enhance meaning, use devices to build cohesion within and across paragraphs and correctly use formal speech.

Natural Disasters

Big Question: What am I?

How am I made in the image and likeness of God?
What does it mean to be human?
Why are other people important?

Science

Electricity

This term pupils will associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. They will compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. The pupils will use recognised symbols when representing a simple circuit in a diagram.

Light

This term pupils will use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye. The pupils will use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

Music

This term pupils will play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.

PSHE

This term pupils will follow the scheme through TEN:TEN.

RE

The story of the people of God

This term pupils will explore stories of significant people in the Old Testament and discover what some of these tell us about their relationship with God.

Followers of Christ

This term pupils will learn about the demands that the call of Christ placed on these first disciples and think about ways people answer the call of Christ today.

Advent

This term pupils will understand the season is to prepare for Christ to come again and a time to prepare to celebrate his birth at Christmas through Parables, prayers and hymns of the Church.

Art/DT

This term pupils will learn about great artists, architects and designers in history. They will use a variety of materials to create artwork based on the theme Natural Disasters.

They will understand and use electrical and mechanical systems in their products. They will also become competent in a range of cooking techniques.

Computing

This term pupils will follow a computing scheme to learn about Smart Rules and creating a podcast.

Year 6 Autumn Term 2023 Knowledge Organiser

<u>KEY QUESTIONS</u>	<u>TOPIC VOCABULARY</u>	<u>SCIENCE VOCABULARY</u>
<ul style="list-style-type: none"> • What is a natural disaster? • Where do natural disasters occur? • What causes earthquakes? • Why do tsunamis occur? • Why do volcanoes erupt? • What are the human impacts of natural disasters? • What are the environmental impacts of natural disasters? • How have the impacts of natural disasters changed overtime? • How can we reduce the impacts of natural disasters? 	<p><i>Can you find out the meaning of these words and use them in a sentence correctly?</i></p> <p>Amplitude Tidal Wave Mantle Magma Lava Dormant Inner Core Outer Core Crust Latitude Longitude Equator Northern Hemisphere Southern Hemisphere Tropical Storm Blizzard Tornado Vortex Funnel Cloud Richter Scale Tectonic Plates Tsunami Ocean Floor Shockwaves Ripple Wavelength</p>	<p><i>Can you find out the meaning of these words and use them in a sentence correctly?</i></p> <p>Brightness Volume Buzzer Voltage Cells Circuit Components Switches Motors Symbols Bulb Reflect Shadows Sources Travel Lines Rainbow</p>