



Year 2 Knowledge Overview



Year Group: 2 Term: Autumn 2 Topic Theme: Fire and Ice

What should I already know...

- I understand the difference between things that happened in the past and the present and use a timeline to place important events.
I am able to recall some facts about people/events before living memory and talk, write and draw about them.
- I can distinguish between an object and the material from which it is made.
- I am able to describe and compare and group together a variety of everyday materials on the basis of their simple physical properties.
- I can identify the four main countries making up the United Kingdom

WOW Starter	Role Play
Pepys buried treasure chest	Bakery

Key Vocabulary

time line	A way of organising events in order.
St Pauls Cathedral	Like a big church but found in capital cities, like London
diary	A book where you write down what you have done each day.
fire break	To put things in the way of the fire.
water squirt	A pump used to suck up water
liquid	Something you pour that does not have its own shape.
melt	When a solid turn to a liquid
solidify	When a liquid becomes solid.
freeze	When liquid is made very cold
boiling	Liquid turning to gas at a high temperature.
properties	What a material is like and how it behaves (bend, stretch, waterproof).
suitability	Having the right properties for a specific purpose
natural	Material dug out of the ground, grown or taken from a living thing
man made	Materials made by people. Often made from natural materials BUT have been changed to have a different property.
continent	All the land in the world split up into different continents.

Topic Celebration

Making bread and drinking hot chocolate

Knowledge

As Historians
We will learn how the Great Fire of London started, the events that followed and the impact the fire had on how London was rebuilt. We will use the first-hand account of Samuel Pepys and look at some of his diary entries. We will also discuss the actions of Guy Fawkes and why we celebrate on the 5th November each year



As Geographer
We will also explore the cold continent of Antarctica and learn the seven continents of the world and the 5 oceans.



As Scientists
We will investigate the suitability of a range of everyday materials for specific uses and how the shape of some materials can be changed through heat, cold, squashing, bending, twisting and stretching. Some of these changes will be irreversible. As part of our topic on materials we will also look at the differences between man-made and natural materials



As Technologists
We will learn about moving forwards, backwards, making half and quarter turns and how we can use algorithms to programme something by using a set of instructions.



As Musicians
We will learn about dynamics (loudness or volume) and timbre (difference in sound between notes) through learning how to add expression to our singing. We will also learn how to use instruments to create different sounds and the different family's instruments come from.



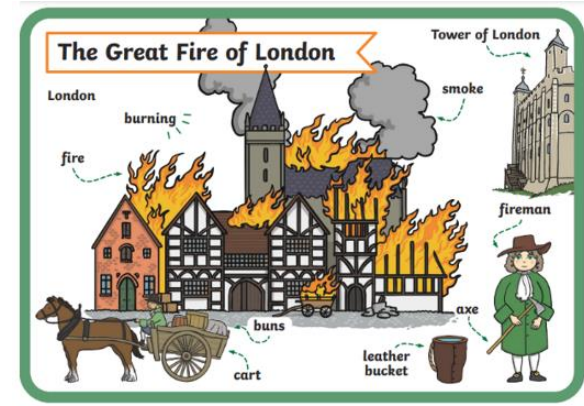
As a Young Person (PSHE/RE)
We will learn about celebrating differences and how sometimes girls and boys can be stereotyped. We will discuss why bullying happens and that sometimes it is about being different. We will learn how important it is to stand up for ourselves and for others and that it is okay to be different. In RE we will learn about Diwali, Remembrance Day, churches and the Christmas story.



As a Multi Sports Athlete
We will experience different pathways when traveling using zig zag, straight and curved patterns. We will link different movements by making large, small, high and low movements using turns and jumps. In dance we will create short repetitive patterns to create simple dances.



As Artists and Design Technicians
We will learn about the properties and qualities of clay through a series of short, exploratory activities, before going on to design and make a tile based on our observations of buildings in the local environment.



What will I know by the end of this unit...

- I understand how to put people, events and objects in order of when they happened, using a scale the teacher has given me.
- I can use a timeline to place important events. I am able to describe the differences between then and now.
- I can describe objects, people or events in history.
- I can talk about the reliability of 'eyewitness' accounts.
- I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching
- I can name the seven continents of the world and find them in an atlas.
- I can name the 5 oceans of the world.

Texts

- NF on the Great Fire of London
- Vlad and the Great Fire of London
- Toby and The Great Fire of London
- NF text on the Arctic and Arctic Animals
- NF text about the properties of materials

