



## St. Anne's Catholic Primary School

### Year 1 Knowledge Organiser

#### 'We are Explorers'

*"Loving God In All We Do."*



#### The 'We Are Explorers' topic is about ...

Learning through exploration. The children will further develop their geographical skills by learning about hot and cold places and exploring winter weather patterns.

In Science, they will explore and group a range of materials according to their properties.

In English, the children will develop their research skills through a range of sources including a visit from Museum Education and relevant websites and use these as an inspiration to write their own non-fiction texts about The Great Fire of London.

#### What we already know...

The North Pole and South Pole are both cold places.

The weather in cold countries is windy, freezing, cloudy and full of ice and snow.

People live in Igloos made from snow

You find animals like snow tigers, polar bears, penguins, snow owls and snow rabbits in cold places.

People need to wear coats, gloves hats and scarves to keep warm.

#### By the end of the topic we will know ...

- That the weather in the UK is different in Winter to Autumn.
- That there are hot and cold areas of the world.
- How to identify and observe seasonal weather patterns in the UK .
- How to identify the location of hot and cold areas of the world in relation to the Equator and the North and South Poles
- How to describe some places and features using basic geographical vocabulary.

#### Vocabulary

##### English

Non-fiction, information book

##### Mathematics

Number bond, addition, subtraction, tens and ones

##### Geography

Hot, cold, place, weather, temperature, pattern, seasons, change, UK, world, equator, arctic, North Pole, South pole.

Weather, season, Spring, Summer, Autumn, Winter

##### Science

Materials, properties, compare, group, natural, man-made, metal, plastic, wood, paper, glass.

##### History

Event, significant, past, Great Fire of London, landmarks, Monument, cause, diary.

##### Art and Design

Colour, pattern, shape, painting, imagination, Artist, Lowry, observe, evaluate.

##### Information Technology

Algorithm



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### **Wider curriculum learning**

In Art & Design we are focusing on the Artist 'Lowry'. We will be looking at Lowry's work and developing a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space in the context of using perspective.

During our R.E. theme of 'Special People' the children will explore that there are special people in our lives who are there to help us. For our "Meals" topic, they will recognise that on Sunday, in church, we meet people who do special jobs as we gather to celebrate the Good News of Jesus.

In Computing, the children are introduced to the term "Algorithm" as a step-by-step set of instructions used to solve a problem. They will learn the functions of the direction keys and use these to create their own algorithms.

The History topic of "The Great Fire of London" is taught through our English topic on Information books. The children will learn about and sequence the events of the fire.

In PSHE, they will learn about different ways that we can stay safe and about the different roles people have in the community.

### **We are going to read a range of texts from:**

- Information books linked to the Great Fire of London
- The classic rhyme "London's Burning"
- *No-Bot* by Sue Hendra
- *'The Three Little Aliens and the Big, Bad Robot'* by Margaret McNamara

### **Let's try this at home**

Keep a weather diary at home.

Go for a winter walk; look for signs of winter and explore any ice or snow.  
Enjoy a hot chocolate to warm up afterwards!

Design and create your own robot similar to the characters in our texts.

Continue to research how houses were built at the time of the Great Fire of London. Use cardboard boxes and other materials to recreate a house.

Get baking! Become bakers by baking some bread just like the bakers at the bakery in Pudding Lane (Obviously share with your teachers!)



### **Key dates for this half-term**

Visit from Museums Education about the Great Fire of London—Wednesday 5th January, 2022.

(Voluntary donation of £3 requested please for this to go ahead)

Year 1 Performance—Tuesday 8th February

Finish for half-term — Thursday 10th February 2022

**Please refer to the school calendar on the school website to keep up to date with all events.**