



## St. Anne's Catholic Primary School

### Year 4 Knowledge Organiser

#### 'We are Explorers'

*"Loving God In All We Do."*



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

The children are learning all about the Arctic. They will explore the features of the environment and describe how the Arctic has changed, making links between people and environments.

The children will further their knowledge by exploring 'The Matthew Henson Story' and his race to the frozen North.

#### What we already know...

- Arctic foxes live in the Arctic.
- The Arctic is facing problems because of global warming and the ice is melting.
- Some habitats are being destroyed so animals may not survive.
- It is very cold because it is far away from the equator.
- Icebergs are beginning to melt because of global warming.
- Polar bears go hunting in the sea for their food.
- People live in the Arctic.

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

- How to observe, record and explain physical and human features of the environment.
- The link between people and environments.
- How to communicate geographical information through a range of methods.

#### Vocabulary

##### Geography

Human features, physical features, environment, The Arctic, Arctic ocean, expedition, equator, temperature, navigation.

##### History

Explorer, chronological, significant individual, chronological, race.

##### Design Technology

Balanced diet, eatwell guide, protein, carbohydrates, vegetables, fats, fruit, energy.

##### Science

Sound, vibrate, amplitude, pitch, echo, volume, faintest, medium, fainter.



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### **Wider curriculum learning**

Our Science focus for this half term is sound. The children will explore how sound is made, how it travels and how our ears work including the parts of the ear. Our history links with our English as the children will study the legacy of the Arctic Explorer, Matthew Henson and his voyages to the Arctic. The Arctic adventure will continue into our art lessons as we make 3D sculptures of Arctic animals.

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

Non-chronological reports. Our focus text will be 'Race to the Frozen North', however we will read and analyse a range of non-chronological reports.

Newspaper recounts. The children will analyse newspapers in order to create their own based on the explorer, Frederick Albert Cook.

Our poetry for this half term will focus on haikus and kennings. The children will explore and compare both types of poetry before creating their own Arctic haiku and kenning.

### **In collaborative learning this half-term we are going to ...**

Make a healthy meal.

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

Read a non-chronological report about somebody else who is famous.

Make a 3D sculpture of an arctic animal.

Use a globe or atlas to find countries in the Arctic.

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

Homework will continue to be given out on a Friday and is due in the following Wednesday. We will continue our P.E lessons on a Monday so please send children in wearing P.E kits or tracksuit bottoms.