

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 ...

Our driver subject for this half term is Geography. The children will be 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 in English by exploring 'The Matthew Henson Story' and his race to the frozen North. The children will then use their knowledge to create a non-chronological report.

What we already know...

- The Arctic is melting because of global warming.
- The Arctic is cold because it is far away from the equator.
- There are polar bears in the Arctic.
- Some parts of the Arctic are not icy.
- Polar bears will have nowhere to live if the ice caps continue to melt.
- Some Arctic animals have blubber which keeps them warm in the cold.

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

- How Matthew Henson ventured to the North Pole and his life prior to his expeditions.
- The location of the Arctic circle and the countries that have land in it.
- How to create a non-chronological report.
- How sound is made and how it travels.

Vocabulary

Science

sound, vibrate, amplitude, pitch, echo, volume, fair test, medium, fainter, louder.

Music

performance, theme, movement, pitch, tempo, style, origins, musical expression, chorus, diction, control.

Computing

Software, digital, resources, information technology, font, bold, italic, underline, bold, toolbar, format, safe, responsible.

Art and Design

sculpture, adapt, annotations, design, features, blend, smudge, shape, scale, proportion, tone, clay, model.

Geography

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

History

Explorer, significant individual, chronological, race, segregation, expedition, social, timescale, achievements, events, consequence, impact.



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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.

In order to celebrate Internet Safety Day, we will be learning how to use technology respectfully, responsibly and safely. We will also learn how to keep information and passwords secure. We will further our computing skills by writing for different audiences including creating a newspaper report.

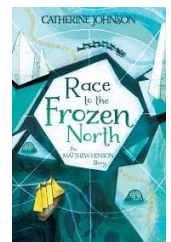
In R.E, we will be exploring what it means to belong to a community before learning about our local Christian community.

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 Young Voices.



Let's try this at home

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

Research one of the countries that has land in the Arctic circle.

Practise the songs and dances from Young Voices.

Key dates for this half-term

Young Voices Concert-TBC

Times Tables Rockstars Day-Monday, 24th January

Please subscribe to our Year 4 calendar via our school website to keep up-to-date with all Year 4 events.