



## Year 5

**Year 5 will embark on a Polar Expedition to explore both the North and South Poles. Our writing will take the reader on a journey through the Northern lights, to the Polar Regions and set sail through the most treacherous of waters. Iceberg ahead!**

**Maths:** The children will be learning about Multiplication and Division. They will explore factors and multiples, common factors and Prime numbers. Additional challenges will include learning about squared and cubed numbers. To extend their learning of multiplication and division they will solve word problems involving many steps. Children should continue to practice their times tables on <https://www.trockstars.com>

### Art & Design:

Pupils will make detailed sketches of Polar animals/landscapes. Also they will construct 3D models of Igloos /ice homes.

### Physical development:

Children will be learning about how to choreograph movement sequences influenced by the Northern Lights.

**Music:** Pupils will explore sounds that capture the Northern Lights and their movements.

## Frozen Kingdom

**Computing:** Children will improve their word processing skills across the topic by making a presentation on PowerPoint about what they have learnt over the weeks.

Remember: online safety is paramount to any computing learning.

### Homework:

How would your pet survive the Arctic? Design a travel brochure for the Frozen Kingdom and create a snowy collage/picture based on the landscape or animals of the North Pole. Write about the Northern lights in factsheet.

### English:

This topic will have the children exploring Haikus, writing a short story, diary and letter. Each genre has its own criteria for success. We look forward to exploring these.

### Geography:

Pupils will engage with scaled global maps showing the Polar Regions, climate population settlements. They will also look at the effects of climate change on the Polar Regions.

**History:** Pupils will consider different points of view on the Titanic and its passengers and learn about Captain Scott and his Polar expedition.

### Science:

The children will explore:

Classification of arctic animals and Antarctic Ocean; Food chains of arctic animals and how animals adapt to their habitats.

Pupils will investigate how animals keep warm by making predictions and drawing conclusions.