

Last half term, our topic was Frozen Kingdoms! Here are some home learning activities to consolidate and extend our learning. Please choose at least one activity to complete over the holidays. Your project is due by **Friday 4<sup>th</sup> March 2022**.

### History

Choose one polar explorer that you find inspiring. Find out as much as you can about them and write a short biography about their life, motives for exploration, achievements and discoveries.

### History

Throughout time, there have been many explorations of the polar regions. Use the internet and other source materials to find out about polar explorers and their discoveries. Create a timeline to show significant polar explorations that took place between 1770 and 1920.

### Geography

Use the internet and other source materials to sketch and label a diagram of the Earth. Include the equator, Prime Meridian, lines of latitude and longitude, Tropics of Cancer and Capricorn and the polar regions.

### Geography

The Arctic is rich in natural resources, including oil, gas, wood, freshwater and hydropower. Draw a mind map to write a short description of each.

Which of these natural resources are used, and which are largely untapped?

### History

Use online and other historical resources to find out what happened to the RMS Titanic. Write an account to explain what happened, including how polar features were instrumental in its downfall.

### Geography

Many people are concerned about the impact of climate change on the polar regions. Gather evidence to find the answers to the following questions.

- What is global warming?
- What is climate change?
- What are four causes of global warming?
- What is the impact of climate change on the planet?
- What is the impact of climate change on wildlife?
- What are your thoughts and feelings about climate change?

### Geography

Polar landscapes have many interesting natural features, including icebergs, glaciers, mountains, ice fields, tundra and boreal forests. Record a definition and description of each feature in a table.

### Science

Polar animals include polar bears, emperor penguins, Siberian salamanders, Greenland sharks, emerald rockcod, walrus and Arctic terns. Compare two of these species, recording where they are found, their habitats and what they eat.

Draw a detailed diagram of the two species that you compared. Add labels to identify their key features and adaptations.

### Geography

Research and record the characteristics of each of the following climate zones: polar, temperate, desert, tropical and equatorial. Give examples of places within each climate zone.

# Frozen Kingdoms