



THEME: Climate Zones - Polar

HOMEWORK

Maths, grammar, reading and spelling homework will be set every Tuesday on Google Classroom. The deadline to hand in the homework is the Monday of the following week.

PE: Gymnastics and Golf

All children will need: plimsolls/trainers, t-shirt and shorts/jogging bottoms. Please ensure that all items are clearly labelled with your child's name.

RE

Our focus in RE lessons will be on:

- Describe and compare what practices and experiences may be involved in belonging to different churches at Easter.

PSHE

Our unit this half term is healthy me. Children will discuss the following themes:

- How does food affect the body?
- How do drugs and alcohol affect people?
- What could we do in an emergency situation?
- What is mental health and how might this affect people?
- What could we do to improve our mental health?
- What is stress? How might different people be triggered? What can we do when we are stressed?

COMPUTING

This half term, we will be focusing on data and information by creating spreadsheets. They will use spreadsheets to plan an event and answer questions. Finally, they will create charts and evaluate their results in comparison to questions asked.

LITERACY (Grammar, Reading and Writing)

In grammar sessions, the children will develop their understanding of prepositions, determiners, brackets, standard English, antonyms, synonyms and colons.

In reading lessons, the children will read:

- Shackleton's Journey by William Gill

Year 6 pupils will continue to practise their comprehension skills by focusing on different styles of questions within timed settings to increase their pace.

In writing lessons, the children will:

- Write a short story based on the events that take place in the text: 'Shackleton's Journey'.

In Science, the children will:

- Write an explanation text on how have polar animals adapted?

GEOGRAPHY

In Geography, we will be focusing on the Arctic and Antarctica.

The children will learn about:

- What are the lines of longitude and latitude?
- Where are the positions of the Equator, Northern Hemisphere and Southern Hemisphere?
- What are the similarities and differences between the Northern and Southern Hemisphere?
- Where is the Arctic? Where is Antarctica?
- Which oceans surround Antarctica and The Arctic Circle?
- How do the climates zones compare between Antarctica, The Arctic Tundra and the UK?
- What is the Prime/Greenwich Meridian and time zones?

MATHS

In maths, the children will:

- Explain how to multiply unit and non-unit fractions.
- Learn how to divide a unit and a non-unit fraction by whole numbers.
- Learn the meaning of percent and explain how to represent percentages in different ways.
- Converting between fractions, decimals and percentages.
- Find percentages of amounts.
- Read and represent statistics using pie charts and line graphs.
- Analyse and interpret data to find the mean.
- Discuss the meaning of the words 'ratio' and 'proportion'.
- Explain how to use multiplication and division to calculate unknown values of variables.
- Answer correspondence problems.
- Explore scaling and its uses; particularly when interpreting maps.

CREATIVE ARTS

The children will:

- Draw polar animals.
- Paint landscapes of Polar regions.
- D&T: Create a model of Ernest Shackleton's ship – The Endurance.

SCIENCE

Our science unit this half term focuses on evolution and inheritance. The children will explore the following areas:

- How do living things change over time?
- What do fossils reveal about living things from the past?
- What are offspring and how do they vary from their parents?
- How do animals and plants adapt to suit their environment?
- What is evolution and why does it occur?