



Frozen Kingdoms Geography

Companions

- Inuit Art and design
- Engineer Design and technology
- Environmental Artists Art and design
- Electrical Circuits and Components Science

Planned term

Spring

Memorable experience

We will be learning about the Inuit people and their art - creating our own examples of three different types of Inuit inspired art - leading to a postage stamp being created. These stamps will be sent to the Canadian Post Office.

Innovate challenge

In 'Inuit', we will create a postage stamp inspired by the art of the Inuit. In 'Engineer', we will be designing and making a prototype bridge. In 'Environmental Artists', we will be creating environmental art. In 'Electrical Circuits and Components', we will be designing and making programmable home devices.

Class texts

Can you see me? by Lubby Scott and Rebecca Westcott

Writing

Biography - looking at different women who have changed the world of science, inspired by 'Women in Science – 50 Fearless Pioneers Who Changed The World' by Rachel Ignotofsky. Narrative - adapting 'The Ice Bear' by Jackie Morris, to write our own animal themed story. Finally, we will be creating leaflets about Forest School to give to prospective parents.

Mathematics

Teaching for Mastery using White Rose Maths supported by NCETM PD spines and Power Maths.

Science

In 'Frozen Kingdoms', we will be classifying living things; using classification keys; looking at how animals adapt to their environments. In 'Electrical Circuits and Components', we will be learning about circuits and the different components that are used to make them; investigating circuit components and working scientifically.

Physical education

Following the Primary PE Passport: Football, Gymnastics, Tennis and Swimming.

Art and design

In 'Inuit', we will learn about print making and carving. In 'Environmental Artists', we will be creating environmental art using recycled, reused and repurposed materials.

Computing

Following the Teach Computing curriculum. In the first half of term, we will be learning about programming - specifically how to create and use variable in games. In the second half of term, we will be learning about 3D Modelling.

Design and technology

In 'Engineer', we will learn about significant engineers and bridges; features of bridges; strengthening techniques; iterative design; building prototypes. In 'Electrical Circuits and Components', we will be learning about sensors and monitoring; designing and making home devices; incorporating programming and circuits in products.

Geography

In 'Frozen Kingdoms', we will learn about the Arctic and Antarctic regions; lines of latitude and longitude; polar climates; polar day and night; polar oceans; polar landscapes; climate change; natural resources; indigenous people; tourism.

History

In 'Frozen Kingdoms', we will be learning about Polar exploration, including the explorers Robert Falcon Scott and Ernest Shackleton. We will also learn about the Titanic.

Music

Music is taught following the Charanga Musical School Primary Curriculum programme. All learning is based around the song: A New Year Carol.

Personal, social and health education

In our Personal, Social and Health Education, we will be using the SCARF programme to focus on these specific topics: Keeping Myself Safe & Rights and Responsibilities.

Religious education

In Religious Education, we will be answering the following key questions: Why do Hindus want to be good? What do Christians believe God did to save people?

Spanish

In Spanish, we will be learning about: Free time activities (including infinitive verbs); Free time likes and dislikes and Geography link: Latin America – Spanish speaking countries, capital cities, flags.