



### Geography

This project teaches children about the characteristics and features of polar regions, including the North and South Poles, and includes a detailed exploration of the environmental factors that shape and influence them.



### Science

This project teaches children about electrical circuits, their components and how they function. They recognise how the voltage of cells affects the output of a circuit and record circuits using standard symbols. It also teaches children about programmable devices, sensors and monitoring. They combine their learning to design and make programmable home devices.



### D.T

This project teaches children about remarkable engineers and significant bridges, learning to identify features, such as beams, arches and trusses. They complete a bridge-building engineering challenge to create a bridge prototype.



### Art and Design

This project teaches children about the genre of environmental art. They study how artists create artwork that addresses social and political issues related to the natural and urban environment. Children work collaboratively to create artwork with an environmental message.

This project teaches children about the Inuit way of life, including some of their cultural and artistic traditions.

### R.E

U2.2 Creation & Science – Conflicting or Complementary?  
Understanding Christianity: Unit 2B.2  
Creation/Fall

### Values for the term

- Humility
- Forgiveness

### PSHE

Being my best

### English

Our units will include:

Non- chorological report- Emperor penguins  
 Diary- Scott of the Arctic  
 Narrative- The Journey  
 Narrative, traditional tale- Goldilocks  
 Fiction- Narrative- The snowman



### Maths

Over the term we will cover:

Decimals, percentages, ratio, algebra, fractions, statistics and recap multiplication and division.

### French

As-Tu-Un-Animal?

Boucle Dor et les Trois Ours

(Goldilocks and the Three Bears)

### History

Polar exploration; Significant people – Robert Falcon Scott; Ernest Shackleton;  
Significant events – Titanic

### P.E

Basketball

Dancing through the decades

### Computing

Variables in games

Introduction to spread sheets

### Music

**Dancing in the streets**

**You've Got A Friend by Carole King**

The material presents an integrated approach to music where games, elements of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other Pop Ballads.

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