



Launch: Could you be a polar explorer?
 Landing: Talk from Mike Jenkins about his time in Antarctica.

The Big questions...

Polar Explorers - which pole is most successful?

Science:

1. Compare and group materials together, according to whether they are solids, liquids or gases
2. Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius

How could we explain the difference between solids, liquids and gases? A molecule?
 Can a material be part solid and liquid?
 At what temperature does ice melt?
 What materials could speed up the melting of ice in The Arctic and help an explorer travel through it?
 Do all types of frozen water melt at the same rate?
 What sort of graph should we use to display the rate at which our ice melts?
 How could we help arctic explorers stop their hands from freezing? Keep their hot drinks warm?

PSHE

TenTen - Unit 2 and Unit 3: Me, My Body, My Health

- Changing Bodies
- All different; All loved
- What Am I Looking At?

Anti-Bullying Week

Computing

Programming A - Repetition in shapes

Literacy

Texts

Shackleton's Journey

Genres

To persuade: Letters
 To entertain: descriptions
 To inform: biography

Art (Surface and colour)

How do you recreate the watery colours of Polar scenery?

To master techniques - experiment with creating mood with colour
 To master techniques - Mix colours effectively

DT (Textiles)

What do you need to consider when making mittens liners for Antarctica?

To master practical skills - join textiles with appropriate stitching
 To design, make, evaluate and improve mittens liners for Antarctica

PE

Gymnastics
 Dance

History

To investigate and interpret the past

Who was the first explorer to visit the south pole?

Geography

To investigate patterns

Can you locate Antarctica and The Arctic?

Can you describe some of the geographical characteristics of Antarctica?

Can you compare the climate of Antarctica and The Arctic?

What is climate change and what effect has it had on the poles?

RE 4.2 Trust In God

What does it mean to trust someone?

What did God promise Zachariah?

How and why did Mary and Joseph put their trust in God?

How did God fulfil His promise to Mary when Jesus was born?

Why was Jesus born?



Music

Composing with colour:

What is 'atmospheric' music?