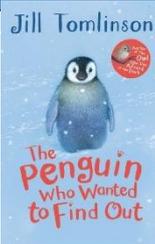




# Polar Explorers



## English

Job Adverts- Shackleton's Crew

Diary Entries- Life in the Antarctic

Stories: The Penguin who wanted to find out

Non Fiction – explore information texts on penguins

Instructions: How to make a warm drink

## Maths

Place Value

Reading numbers to 100/ 1000

Partitioning numbers to 100/ 1000

Counting in 2s, 3s, 5s, 10s

Addition and Subtraction

## Humanities

**History:** What was life like in 1915?

Timeline and Chronology

Famous People of the Era (Monarchs, Explorers, Artists)

Remembrance Day

**Geography:** Compare UK and Antarctica (similarities and differences)

Map work- Investigating Google Earth

Weather and Climate

Continents and Countries



## Science

Living Things and their habitats: Classification, Ecosystems, Food chains

States of matter: Solid, Liquid, Gas

The Water Cycle

## French

Greetings

How old are you?

Parts of the body

Clothes

Numbers 1-30

## R.E

How do Christians belong to their faith family?

## Computing

Online Safety  
Creating Pictures (2paint software)

## Art and DT

Expressionism (Kandinsky)  
Experimenting with Colour  
DT: Designing and testing boats  
Christmas: Advent Calendars



## Curriculum Enrichment

Topic Day- Explorer Boot camp

Virtual Visit- Scott Polar Museum

Sainsbury's Art Centre

End of Topic – Barn Owls Antarctica Exhibit

## The Skills and Knowledge children will develop in this topic:

**Geography:** identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, Arctic and Antarctic Circle, time zones, use maps, atlases, globes and computer mapping to locate countries and describe features studied, human geography, including: types of settlement and land use, physical geography, including: climate zones

**History:** the achievements of the famous artists, inventors and explorers

**Science:** identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other, Name a variety of plants and animals in their habitats, including microhabitats, describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food

**Art:** Describe the work of artwork of artists such as Jackson Pollock, Paul Klee, Kandinsky (colour), Create and experiment with shades of colour and name some of these. Recognise warm and cold colours. Create washes to form backgrounds. Explore the relationship between mood and colour.

**Design Technology :** use design criteria to design appealing products that are fit for purpose, generate, develop, model and communicate their ideas through discussion, annotated sketches, select from and use a wider range of materials and components, including construction materials

**Computing:** use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact. select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

**R.E:** Understand the importance of the local church, symbolism and artefacts as expressions of Christianity, the importance of rites of passage, worship gathering and celebrations.

## Vocabulary:

### English

Narrative, instructions, recount, bullet points, sub-headings, opening, build up, climax, resolution  
SPaG lessons: commas, coordinating conjunction, subordinating conjunction, adverb, verb, noun, adjective, expanded noun phrase, statement, question, command, exclamation

### Maths

Partition, ten more/ten less, hundred more/less  
Ones, tens, hundreds, numeral, addition, subtraction, multiplication, subtract, take away, minus, plus, greater than, less than, multiples

### Science

Sort compare- similarities and differences  
classify record predict identify test  
observe investigate

### Humanities

Significant memory memorable artefact impact  
source evidence witness civilisation environment  
landmarks human and physical features location  
climate population key timeline

### Computing

Input icon digital  
public and private  
application

### R.E

Worship festival holy  
book prayer  
community belief  
celebration god

### Art and DT

Portrait landscape primary secondary  
colour abstract sketch pattern  
critique brief evaluate product  
criteria expressionism

### Additional Topic Vocabulary

Exploration Shackleton Antarctica expedition  
Georgian continents marooned knighted trek  
discovery

## Home Learning Ideas

**English-** Write a postcard from the Antarctic. Write a winter poem. How many similes can you include?

**Geography-** Find 5 facts about Antarctica and the Arctic region. Create a map of an imaginary island. Included animals and plants.

**History-** What was life like for your mum/ grandparent/ carer as a child?

**Art-** Create a landscape of what you think Antarctica looks like?

**Science-** Create a poster about your favourite animal and its habitat.

## By the end of the topic the children will:

They will understand the key events that took place around the time of Shackleton's expedition.

They will be able to compare the similarities and differences of two different continents.

They will explore colour and explain their ideas about expressionism. They will be able to create a design brief to build and test a model of a boat.

They will be able to classify different animals and their habitats.

They will be able to present their learning in an exhibition to share with parents and the wider school community.