

# Year: 1



## Polar Regions

**Enquiry Question: How are the polar regions important to the Earth?**



# Term: Spring 1

### Word bank:



Antarctica Arctic equator explorer iceberg



north pole south pole glacier ice caps



mountains continent season ocean



environment melting thawing compass



aerial photograph map atlas globe

### Key Facts:

- The seven world continents are Europe, Africa, Asia, North America, South America, Antarctica and Australia/Oceania.
- The Arctic is at the most northern part of the Earth.
- The Arctic is largely covered with water, the Arctic Ocean, and most of this is frozen (sea ice).
- Antarctica is a continent and is the southernmost part of the Earth. It is surrounded by the Southern Ocean.
- Around 98% of the land in Antarctica is covered in thick ice.
- The polar regions are also called the north and south poles.
- The polar regions are both very cold and dry.
- No one lives on Antarctica because it is too cold but scientists visit there for short amounts of time.
- They experience continuous daylight in summer and continuous darkness in winter.
- Maps are usually shown from an aerial view. This means we are looking down from above.
- Maps use symbols instead of words so that you can find things quickly

### Key Questions:

- Why are the polar regions so cold?
- What animals live in the polar regions?
- Where are the polar regions?
- How are the poles different to the UK?
- How is climate change affecting the polar regions?

## CLASSES 1HE and 1AJ

Homework to be completed and returned by **Friday**  
**2<sup>nd</sup> February.**

# Topic Homework

## Reading

Remember to read each day and get an adult to sign your reading record. Don't forget to collect your rewards for reading!

*Dear Parents and Carers,*

*Our topic this half term is Polar Regions and we will be learning about why they are important to the Earth. Homework can be completed by the children on their own or with an adult. As the children love to show off their wonderful work, they will have an opportunity to share their creations in class.*

## MATHS

Don't forget to use your Times Table Rockstars login.



## Places to Visit:

- Science Museum – Antarctica 3D film  
<https://www.sciencemuseum.org.uk/see-and-do/antarctica-3d>
- National Maritime Museum -  
<https://www.rmg.co.uk/national-maritime-museum>
- Dulwich College – Shackleton's boat  
<https://www.dulwich.org.uk/about/history/the-james-caird>

You have a homework scrap book to use to complete your homework project. Over the next few weeks try to complete some of these activities or make some up of your own.

### HAVE A GO AT LEAST ONE OF THE WRITING TASKS

- 1) Could you make a polar region poster?
- 2) You could make a poster about a famous polar explorer
- 3) Write a diary entry as your chosen explorer
- 4) Make a book or factsheet about an animal from the polar regions
- 5) Make a list - what would you take on an Arctic adventure?

### NOW CHOOSE SOME OR ALL OF THESE

- 1) Make a diorama of an Arctic scene
- 2) Create a painting of the Aurora Borealis
- 3) Create a collage of the Arctic or Antarctic
- 4) Create a 3D model of a boat or aeroplane

## Home Learning Links:

BBC Bitesize – What is a polar habitat?  
<https://www.bbc.co.uk/bitesize/topics/zx882hv/articles/z3sr4wx>

WWF – Facts about polar bears  
<https://www.wwf.org.uk/learn/fascinating-facts/polar-bears>

DK Findout! – Facts about the Arctic  
<https://www.dkfindout.com/uk/animals-and-nature/habitats-and-ecosystems/arctic/>

National Geographic Kids – Polar habitat  
<https://kids.nationalgeographic.com/nature/habitats/article/polar>

## Recommended Reads:

