

Year: 4 Term: A2 2022 Theme: Polar Regions



# Key Learning

1	Where is Antarctica /The Arctic	Identify on a map. Look at its location to find out why it is so cold. Why is it a desert?
2	Climate	What is the climnate like at the poles? Why is this?
3	Animals	What animals are found in polar regions? How are they adapted for survival?
4	Landscape features	Study the physical features of the landscape e.g. crevasse. How is it different to where we live?
5	Weather conditions	Temperature, snowfall, rainfall, wind, blizzards
6	The race to the Pole	The story of Scott and Admundsen
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1	Robert Scott	British Explorer		
2	Roald Admundsen	Norwegian explorer		
3	Ernest Shackleton	British Explorer		
4	The Discovery	The ship that was built for the expedition to Antarctica		
5	The Endurance	A later ship Ernest Shackleton travelled to Antarctica on		
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Key People/Places/Facts

	Big Questions				
1	Does the way we live contribute to climate change?				
2	Can we do anything to slow down climate change?				
3	Why do people want to explore hostile places?				
4	Why is Antarctica a desert?				

#### Vocabulary Frozen Bleak Transparent Abundant journey diversity Companion Distribution Classification Sledge numbing Insulation Waterproof Pollution Extinct endangered hostile Avalanche Pack ice Zooplankton Ice axe Frostbite Latitude Scurvy Longitude Scavengers Floe conservation Climate change Unique Drake passage distinctive Wilderness Remote Collaboration microscopic Guano Peninsula Krill Glacier Expedition Continent blizzard Desert

#### ENGLISH

#### <u>Reading:</u>

- Bug Club Mary Anning
- Topic linked to non fiction

#### <u>Grammar knowledge</u>

- Noun phrases
- Conjunctions and subordinate conjunctions
- Fronted time adverbials

### Writing Opportunities

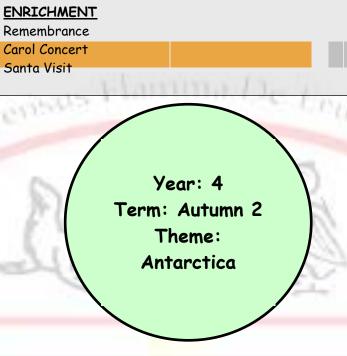
- Animal fact file
- Diary entry (Shackleton)
- Writing to explain circuits

### Book/Author

- The Explorer (for pleasure)
- Little People, Big Dreams

## MATHS

- Multiplication and division
- Perimeter
- Missing number problems
- Multiplying by 10 and 100
- Measuring, ordering and comparing lengths
- Converting measurements.
- Coordinates



## ART & DESIGN

Kapow- Printing patterns using a range of materials. Using reflection and symmetry to further the pattern making skills..

### MUSIC

Charanga music- Glockenspiels. How to play a simple melody.

## PE

Dance & gymnastics

# COMPUTING

Coding- Learning how to use simple code to create an animation. Chn work in pairs to create animations on Purple Mash to show the rest of the class.

## SCIENCE

#### Animals including Humans

- Describe simple functions of the digestive system
- Identify different types of teeth and their functions.
- Learn and understand how teeth can decay
- Begin to know the main body parts included in the digestive system,.
- Compare the teeth of carnivores and herbivores, and explain the differences.
- Draw and discuss their version of the digestive system.

### Scientific Vocabulary

• <u>Oesophagus, small intestine, large</u> <u>intestine, bowels, carnivore, herbivore,</u> <u>omnivore, canine, incisor, molar, wisdom</u>

<u>Jigsaw</u> - Celebrating Differences <u>RE</u> -Christianity- What symbology is celebrated. Where did Christianity begin and the Ten Commandments.

## LANGUAGES

Food names, Simon Says, names of animals, numbers 1-10