



### Spoken Language:

Children will use their spoken language skills to debate ideas of polar survival and to engage in discussions about our topic.

### Writing:

The children will write a biography of a fictional polar explorer through applying what they learned from our visitor. They will also design a survival item and write an explanation of how it works.

### Engage:

We will have Al Sylvester visiting to share his journey across Antarctica with us and to inform us of how to survive in the harsh conditions.

Key Question: What makes survival so challenging in the polar regions?

### Maths:

Children will learn about the relationships between fractions, decimals and percentages and the conversions between these. We will also continue to revisit our arithmetic skills and practise some of the more challenging year 6 calculations.

### Science:

In science, the children will learn about the function of the circulatory system and the crucial part it plays in maintaining body heat.

### Spanish:

Children will complete the 'presenting myself' unit and learn conversational Spanish.

## Frozen Kingdoms



### Geography:

The children will explore a range of navigational skills including using a compass and longitude and latitude. This will take them on a journey to the tundra biome where they will learn about how location on the globe impacts humans, vegetation, animals and survival.

### Art:

The children will use watercolours and fine line pens to create a polar scene in a snow globe.

### PE:

Children will develop their fitness through circuit training and then gymnastics.

### RE:

Children will focus on the golden thread of love/agape in the context of Christianity.

### Prove it:

Children will prepare explorers journals to apply their geographical knowledge from this half term.

### Express:

Parents will be invited to attend our treasure hunt to the polar regions by completing a variety of geographical challenges on **Thursday 8<sup>th</sup> February at 2.15pm.**

### PSHE:

Children will discuss their dreams and goals and how they can achieve them.

### Music:

The children will learn about minimalist music and identify patterns, meters and counting in 8 and 6.

### Computing:

The children will film and edit together separate clips to create a video report.

# Things to explore with your child!

## Home Learning:

Home learning will be given out on a Thursday and should be returned the following Tuesday.

Your child will have maths, spelling and SPaG home learning each week to be completed on Carousel.

Times Table Rockstars should also be completed every week as this is vital to their success in maths.

## Reading:

Read a range of books with your child, talking to them about the type of book they are reading.

You could see what you could learn about the polar regions by reading some non-fiction books.

Researching online can also provide an insight into the natural world.

## Writing:

Encourage your child to keep a fact file of what they know about the biome we live in.

Talk to them about what they think it life would be like as an explorer in a frozen kingdom.

Perhaps they could try and write a survival guide as it is so challenging to survive in the harsh climates.

## Maths:

<https://mathsbot.com/primary/ks2?fclid=IwAR10aT8FC0fvo0LbZ7Dd6LaP6ATpi7N8OBtMEfX74gB-J3vF0ZdtiyjvV48#qIaSheet>

Use this website to automatically generate an arithmetic test (it will mark it at the end).

Children need to know the fraction, decimal and percentage conversions by heart and should be able to convert between them.

## Science:

Research and label the heart and its function in the circulatory system.

Can you research how the heart might keep our bodies healthy in the extreme weather conditions?

Learn about the impact of exercise, diet and lifestyle on the heart and our overall body health.

## PE:

Year 6 pupils are expected to have their PE kit every day.

## Useful websites and resources:

<https://www.natgeokids.com/uk/discover/geography/general-geography/ten-facts-about-the-arctic/>

<https://kids.britannica.com/kids/article/Arctic-Regions/352777>

<https://www.wwf.org.uk/learn/love-nature/frozen-world>

# HOME LEARNING PROJECT IDEAS

Frozen  
Kingdoms



Create a piece of art based on the arctic in a different medium.

Write a series of diary entries as Shackleton at sea.

Design a model of Shackleton's boat.

Create an advert for people to join Shackleton's voyage.

Create your own model of the circulatory system.

Create a campaign to outline the impact of climate change on the tundra.

Create your own survival kit for the polar regions.

Plot your own journey across the Antarctic on a map.

Please complete at least one activity. These are due on **Tuesday 6<sup>th</sup> February.**