

Year 3

Polar Explorer



English

Focus Book: You Wouldn't Want To Be On Shackleton's Polar Expedition

We will begin the term learning about Shackleton expedition, Endurance. We will learn how to write a newspaper article about the failed expedition. Following this, we will write an explanation text detailing how the crew attempted to survive whilst stuck in Antarctica. Pupils will learn how to link ideas using various conjunctions, how they can organise ideas using paragraphs, headings and sub-headings. We will also look at using direct speech when adding witness statements in our newspaper articles.

Maths

We will begin the term by looking at long division. Following this, we will move to looking at time. During this time, we will explore how days, months and years are related. Pupils will record time using digital and analogue representations as well as being introduced to clock faces with Roman numerals. We finish the year by looking at problem solving involving all 4 operations and decimals.

Science, Geography and History

Science

Key Questions:

How do boats float?
What shape will take the most passengers?
What is symmetry and do you know about parallel and perpendicular lines?
What is the atmosphere?
How is the Polar environment changing?
How do you eat like a Polar explorer?
Why do some items float in water and others sink?

Geography

Key Questions:

What is a polar desert and a tundra? What is the difference?
Where is Antarctica and the Arctic Circle?
How is Antarctica different to St Neots?
Why do some animals live in such a cold place?
Why can penguins survive in Antarctica but a camel can't?
Why are there such long pipes in tundra biomes? Why isn't this good for wildlife?
Why do people visit polar deserts?

Art

Children will be using Modroc to create Antarctic animals. We will design a sculpture, build the sculpture then look at painting it effectively.

Computing

We begin by looking at how best to use the internet to research and using search engines effectively. Following this, we will be creating an ebook about Shackleton and his expedition.

Technology

We continue looking at textiles this half term by creating a bag for Ernest Shackleton. We will be focussing on attaching straps and sewing the bag to make sure it is strong.

PE

We will be focusing on net games where we will focus on tennis. Our second lesson is striking and fielding where we will be focusing on striking a ball accurately.

PSHE

The children will be thinking emotions that they may feel when experiencing change. We will share and discuss strategies to manage change.

RE

The children will be learning about churches. They will explore discuss how churches are different and how they are used.

Music

The children will be listening to classical music throughout history. They will explore making percussive compositions.

Languages

Pupils will be learning about body parts, counting to 31, clothes and months of the year.

Learning Values

Motivation

Why do people want to explore such risky areas like the Antarctica?

Responsibility

Designing and making items in the style of that era.

Collaboration

We will work together to design and make a boat that floats in Science.

Perseverance

How do explorers bounce back after failures during expeditions?

Discovery

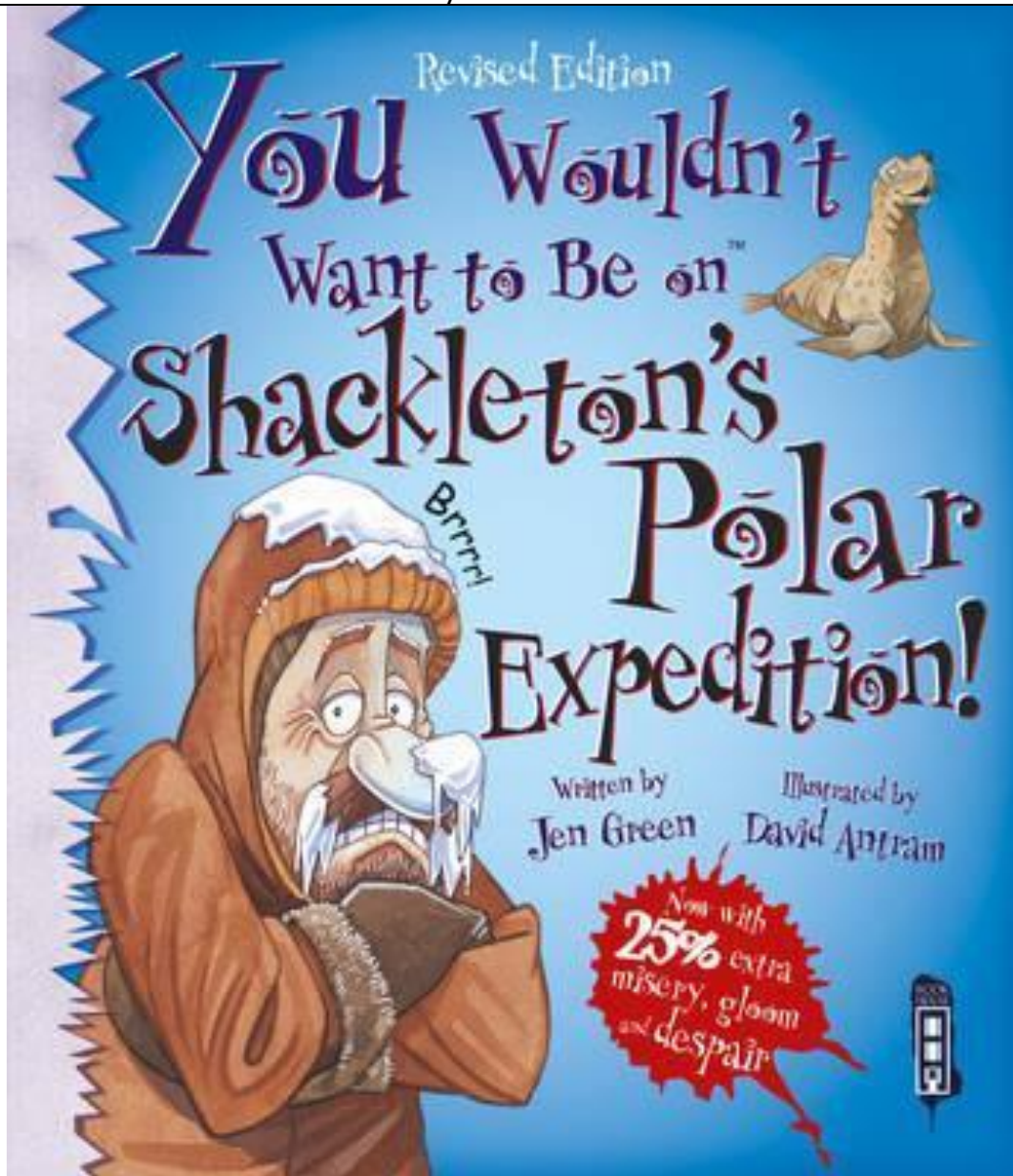
What discoveries were made during Endurance? How much more do we know 100 years later about Antarctica?

Growth Mindset

Ernest Shackleton showed a Growth Mindset many times throughout his expeditions. How can we demonstrate this?

You Wouldn't Want To Be On Shackleton's Polar Expedition

By Jen Green



Get ready...as a hardened sailor, you're about to join Shackleton in what will prove to be one of the most gruelling adventures of all time as you brave your way across the bitterly cold continent of Antarctica. As you encounter extreme cold, strong icy winds and a worrying lack of food and water, you'll soon see why you really wouldn't want to join Shackleton's polar expedition!

Other Recommended Reads Linked To This Theme:

The Penguin Who Wanted to Find Out by Jill Tomlinson & Paul Howard

Shackleton's Journey by William Grill

When the Sun Shines on Antarctica And Other Poems about the Frozen Continent
by Irene Latham

Sophie Scott Goes South by Alison Lester