

# Topic – Friday 26<sup>th</sup> February

Before I introduce our new topic, lets remind ourselves of the continents and oceans!

Watch this video:

<https://www.youtube.com/watch?v=gFIS3a>

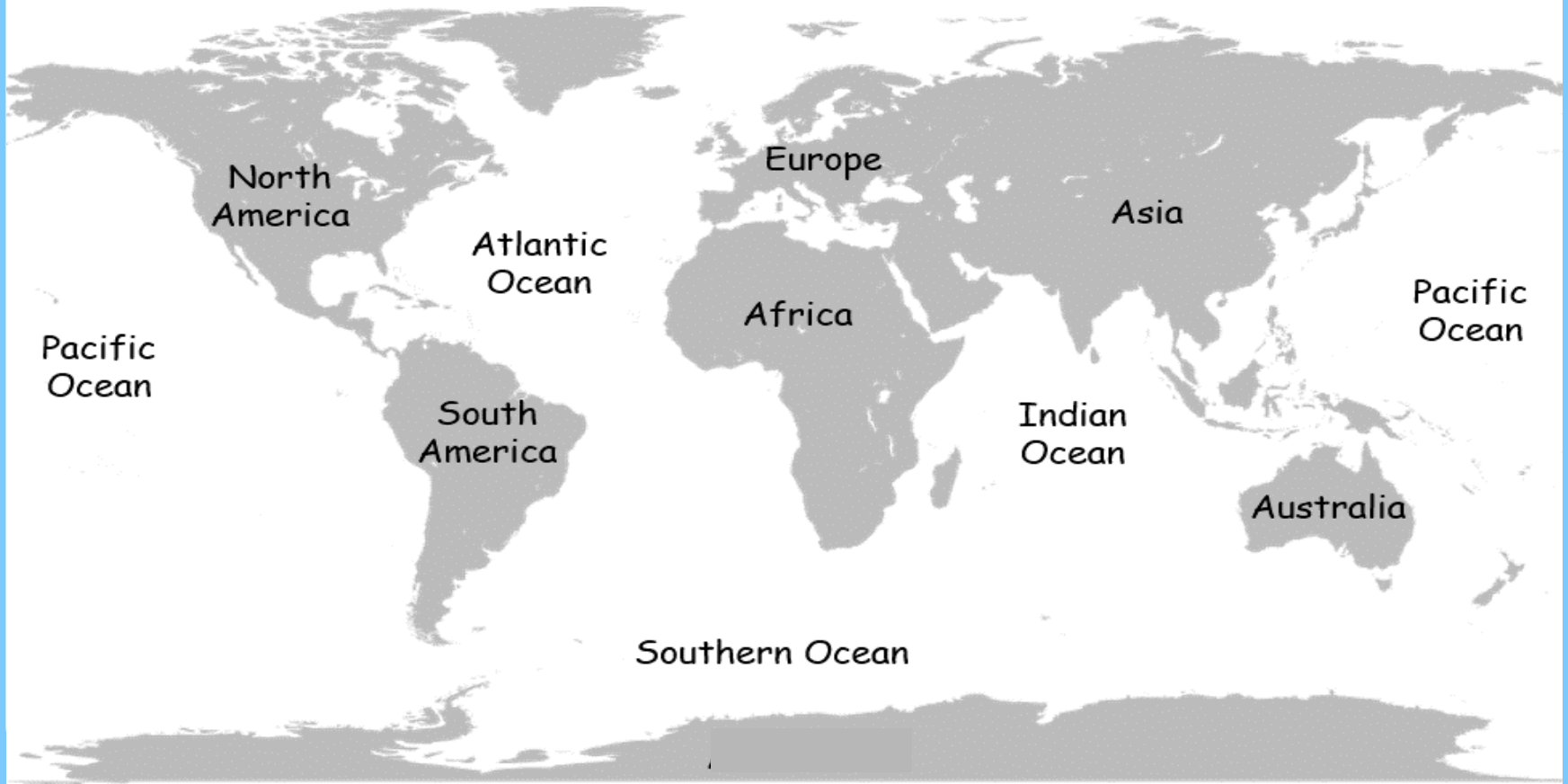
LQPfs



A Reminder... But I am missing one of the continents. Which one is it? Tell an adult.

### Continents and Oceans of the World

Arctic Ocean



Pacific Ocean

North America

Atlantic Ocean

South America

Africa

Europe

Indian Ocean

Asia

Australia

Pacific Ocean

Southern Ocean

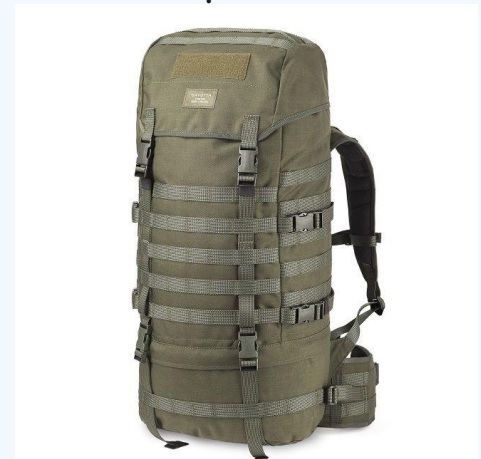
# Topic - Friday 26<sup>th</sup> February

Your first task:

Talk to an adult or a friend, you are about to go here.



What are you packing in your adventure backpack?



Are there other people?

Buildings?  
Signs?

Does it look warm?

Food?

# What's in your rucksack?

So I will pack...



waterproofs, ropes, ice pick,  
food, camera, ski goggles,  
maps of Antarctica, compass,  
first aid kit, ice boots, walkie  
talkie, mittens.

Talk to an adult or a friend...  
why would I pack these things?  
Where do you think we are  
going?

Our new topic is all about Ice!

We will be focusing on Antarctica  
and comparing it to Worcester.



# What you will be making today....

Please click this link:

<https://www.youtube.com/watch?v=Z4EqiCtAqAQ>

Your task today is to create your own weather forecast for Antarctica to tell the people in Antarctica what the weather will be like! You can choose a summers day or a winter day.

You can either... make a video like a news reporter or write it out on a piece of paper. Mr Oates has done both for you on the last slide! You can record yourself with a phone/tablet.

Before you can do that though, we need to learn about the weather in Antarctica and compare it to Worcester.



An illustration of an Antarctic landscape. In the foreground, there is a large, white, snow-covered mound. To the right, a person wearing a white parka and a hat is walking through the snow. The background shows a vast, flat, snow-covered plain under a pale blue sky. The overall style is simple and illustrative.

What do you already know  
about Antarctica?



# Antarctic Weather

Antarctica is the coldest place on Earth. The temperature in the winter is cold enough to freeze water all the time.

Antarctica is a desert. It does not rain or snow a lot there. When it snows, the snow does not melt and builds up over many years to make large, thick sheets of ice, called ice sheets. Antarctica is made up of lots of ice in the form of glaciers, ice shelves and icebergs.

Antarctica has no trees or bushes. The only plants that can live in a place that cold are moss and algae.

# Antarctic Weather

It is so cold in Antarctica that nobody actually lives there, although there are visiting scientists from all over the world at any given time of the year. If you do travel to Antarctica, be sure to pack extra warm clothes!

The temperature can drop to -88 degrees Celsius, depending on what time of year you visit.



# Antarctic weather

Most of the land is covered all the time by snow and ice.

Only 1% of the land is showing!

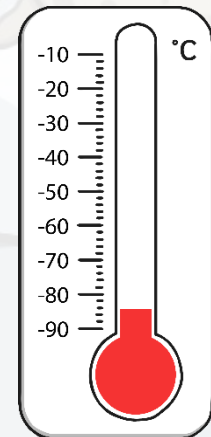
There are icebergs in the Southern Ocean.

Icebergs are pieces of ice which have broken off and are floating in the ocean.

Antarctica is the coldest continent on earth!

The world's coldest temperature ever recorded was in the Antarctic.

It reached  $-89.2^{\circ}\text{C}$  in 1983!



# Antarctic weather

There are only 2 seasons in Antarctica... Summer and Winter!



## Summer

Antarctica has six months of daylight in its summer. Temperature in the summer is anywhere between  $+10^{\circ}\text{C}$  and  $-40$  degrees in some parts.



## Winter

Antarctica has six months of darkness in its winter. Temperatures range from. Temperature in the winter is anywhere between  $-10^{\circ}\text{C}$  on the coast to  $-60^{\circ}\text{C}$ .

Can you match these temperatures to Worcester, Antarctica or both. You can write these down or tell an adult.

Worcester

Both

Antarctica

+15 Degrees

-1 Degrees

-38 Degrees

-14 Degrees

+10 Degrees

-88 Degrees

-5 Degrees

+28 Degrees



# ANSWERS

Worcester

+15 Degrees

+28 Degrees

Both

-1 Degrees

+10 Degrees

-5 Degrees

Antarctica

-14 Degrees

-38 Degrees

-88 Degrees

Some of the coldest temperatures in Worcester are the warmest in Antarctica!

# Your weather report

Your task today is to create your own weather forecast for Antarctica to tell the people in Antarctica what the weather will be like.

Firstly, choose if it's a summers day or a winter day.

You need to include

- What's the temperature going to be?
- Will it be snowing, raining, cloudy or sunny?
- Will there be any day light?
- A joke

You can either... make video like a new reporter or write it out on a piece of paper. Mr Oates has done both for you on the last slide!

# Mr Oates' example script and news report

## My Weather Forecast Script

Good morning from Antarctica News with me Mr Oates.

Well its been a lovely summer morning for most of the continent. In the south it will continue to be a fine summer day, sunny and dry with temperatures hovering at around -33 degrees! Moving into the north, temperatures are a lot brighter with highs of -10 degrees. So if you are a seal, pick up a penguin today as they will be heading out for a refreshing dip in the ocean so you will have no problem bagging yourself one or two as a tasty snack! Delicious!

Wind across the continent may reach up to 50 miles per hour today so make sure your hat is firmly on your head!

That's all from us as at Antarctica news!

Don't forget.. Why didn't the penguin jump off the iceberg?

He got cold feet!!



# Mr Oates' weather forecast video

Please click this link:

<https://www.youtube.com/watch?v=Z4EqiCtAqAQ>

# How to make the video if you want too...

You can either:

Record yourself using a phone/tablet and pretend you are a news reporter telling us the weather.

If you have a laptop with Microsoft teams installed, you can have a go at making it like Mr Oates if you wish. Here is the link to show you how:

<https://youtu.be/deccvLSbIMQ>