

POLAR REGIONS

Complete five activities by Friday **XXX** The sensible thing would be to do one activity a day. You do not need to do all eight on the grid. Choose the ones that interest you the most. You can do the activities either in google docs, google slides or on paper.

Polar Animals

Check out these cool videos about animals that live in the polar regions.

[Arctic Animals](#)
[Penguins](#)

Make a booklet of animals that can be found in polar habitats. Include drawings and facts about their life cycle and what they eat and

Share with your teacher.

Live Lessons

Join AXA Arctic for a live lesson with a polar scientist.

You can sign up for a live lesson on the [AXA live website](#)

Sea Ice experiment

You will need:

Two plastic containers

Salt, water, and food colouring or ink

Method:

1. Fill one container with water from the tap
2. Fill the other container with salty water
3. Freeze both, it may take up to 8 hours
4. Remove ice from containers and place both in shallow dish
5. Squeeze a drop of food colouring on to each ice cube
6. Observe carefully

What happened? Draw or write what you saw and

Share with your teacher.

BBC Bitesize - Polar Habitat

Watch the videos and complete the activities on the BBC Bitesize '[What is a polar habitat](#)' page.

Once you have finished take the quiz, make a note of your score and then **Share with your teacher.**

Engineer a Boat

Learn about [RSS David Attenborough](#)

You will need:

- Plasticine or playdough
- Sink or container full of water

Method:

1. Roll your plasticine/ dough into a ball, place it in the water. What happens?
2. Roll your dough into a sausage shape. What happens when you place this in the water?
3. Flatten your dough into a disc shape. What happens when you place this in the water?
4. Try curving the edges of your disc up to create a 'dish' shape. Can you get it to float now?
5. Can you put a passenger (paperclip or lego) in your boat?
6. Take a picture and

Share with your teacher.

Salty Seas

Why do somethings float and somethings sink?

You will need:

- Salt
- Container or glass
- One Egg

Method:

1. Fill your glass or container with tap water
2. Carefully place the egg in the water, observe what happens.
3. Remove the egg from the water and mix one teaspoon of salt into the water
4. Carefully place the egg back in the water.
5. Did the egg float?
6. Keep adding teaspoons of salt to the water until the egg floats.

How many spoonfuls did you have to add? Why do you think it floats in salt water?

Write or draw what you found out and

Share with your teacher.

Teacher in the Freezer

Watch this [video](#) about teachers that have traveled to Antarctica. How do they survive in these harsh conditions?

Design an outfit for polar exploration, use what you can find around your house. Make a video about what you'll wear, why you chose each item, and how it will keep you warm.

Share with your teacher.

People of the Arctic

There are many different indigenous groups of people that make their home in polar habitats.

One group of people are called Inuit people.

Listen to their traditional music called *throat singing*.

Can you try to imitate this way of making music?

Try inventing your own song, record it and

Share with your teacher.