



## ICY BLAST

### What have we learnt?

The Arctic Ocean is a frozen ocean around the North Pole. Scientists go there to find out about the conditions of the area and the creatures that live there.

### Why is this important?

Investigating and understanding the extreme parts of our planet helps us see how it has changed and is changing over time. The way the Arctic changes has a big impact on the UK and all other parts of the world.

## FUN FACTS

- The Arctic consists of the Arctic Ocean and parts of Canada, Russia, the USA, Greenland, Norway, Finland, Sweden and Iceland
- Temperatures as low as  $-70^{\circ}\text{C}$  have been recorded in northern Greenland
- The Arctic is home to lots of wonderful wildlife, including polar bears, arctic foxes, walruses, seals and whales



## Something to try:

### ■ Explore an ice balloon

Fill a balloon with water, add a little food colouring and place it in the freezer overnight. Take it out of the freezer, carefully remove the balloon and place it in a large bowl or on the draining board. Look at the amazing patterns in the ice. Can you describe what you can see? How long does it take to melt? Can you speed up the melting process? (You could try sprinkling on some salt.)

- Use the QR code to find out more about the Arctic and the Antarctic.



<https://www.youtube.com/watch?v=Z5VRoGTF60s>