

# Snowy Surroundings and Icy Wonders!



## What happens when water freezes?

Water becomes ice when it freezes and turns from a liquid to a solid. Water expands as it freezes and this is why if pipes freeze in winter, they can burst. Freeze some water at home and then test the ice in a bowl of water to see if it floats or sinks. Take a picture of your experiment.

## What is an iceberg?

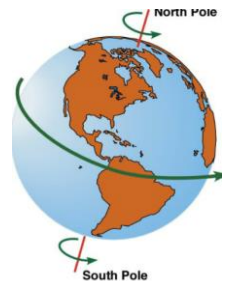
Icebergs are huge chunks of ice floating in the water. The small tip floats above the water. The rest is hidden below the water.



## Polar Bears

Did you know...

Polar bears are not white. Their hairs are colourless like snow and ice, they are translucent. Light passes through them, but they look white. Beneath the fur is black skin which absorbs heat from the sun to keep the bear warm.



## North Pole and the South Pole

The area around the North Pole is called the Arctic. Not many people live in the Arctic as it is so cold. The area around the South Pole is called The Antarctic. No one lives in the Antarctic all the time, scientists go there to study the animals, weather and land.