

# The Knowledge

Supporting the National Curriculum



Knowing More

Remembering More

Learning More

# Frozen Kingdoms



**ARDLEIGH GREEN**  
JUNIOR SCHOOL

Year 6  
Geography

# Key People

**Robert Falcon Scott:** (1868–1912) was a British explorer who led two expeditions to the Antarctic. His second expedition turned into a race to the South Pole that Scott's team lost, losing their lives in the attempt.

**Roald Amundsen:** (1872–1928) was a Norwegian explorer. He was the first to discover the Northwest Passage in the Arctic that joined the Atlantic Ocean to the Pacific Ocean. In 1911, he led a successful expedition to be the first to reach the South Pole, beating Scott's team.

# Polar Landscapes

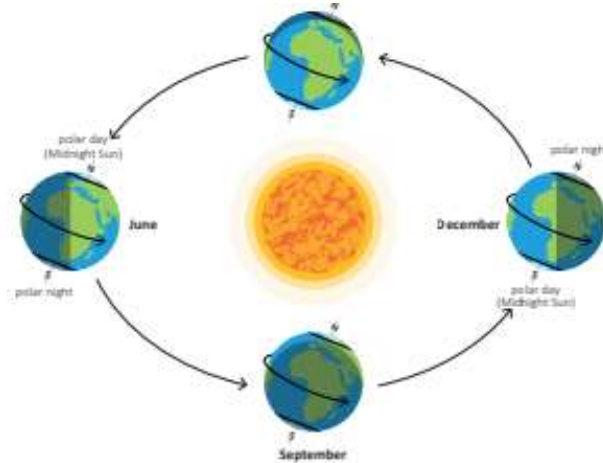
**Glaciers** are slow-moving masses of flowing ice, formed by the compaction of snow. They can vary in depth from 50m to 1500m.

**Ice fields** are large areas of connected glaciers covering flat areas, such as valleys and high plateaus. They are made from compressed and frozen snow.

**Icebergs** are chunks of ice that calve, or break off, from glaciers and ice sheets and float in the sea. Wind and water erode icebergs into sculptural shapes.

# Key Facts

Due to the tilt of the Earth, the poles experience nearly 24 hours of daylight during the summer months. This is called polar day, or Midnight Sun. In the winter, the poles experience nearly 24 hours of darkness. This is called polar night.



# Key Vocabulary

**Arctic Circle:** An imaginary circle of latitude that lies  $66.5^\circ$  north of the equator. Everything north of this line is known as the Arctic.

boreal forest A large area of wetland covered in conifer trees.

**Boreal forests:** are found in countries that are in or near the Arctic Circle.

**Climate:** The usual weather conditions that occur in a place over a long period.

**Horizon:** The line where the sky appears to meet the Earth.

**Indigenous:** Occurring naturally or originating in a particular place.

# Test Yourself

- Can you name the different Polar landscapes?
- What is an ice field?
- Why do the poles experience 24 hours of daylight?
- What is the arctic circle?
- What is the horizon?

**What I would like to know...**