

## Key Stage 1 - Forest Academy

### Knowledge organiser – Pole to Pole

#### Know how to...

- Locate the equator on a globe
- Identify seasonal weather patterns in hot and cold areas of the world
- Use simple compass directions and locational language to describe a route.

#### Key Vocabulary

Arctic	Area of frozen sea and land around the South Pole.
Antarctica	Area of frozen sea and land around the North Pole.
climate	Climate is a long-term pattern of the weather conditions.
equator	An imaginary circle around the Earth which divides the northern hemi- sphere and southern hemi- sphere.
hemisphere	A hemisphere is formed by dividing the earth into the Northern and Southern Hemispheres at the equator.
North Pole and South Pole	The North and South Poles are opposite ends of the hemisphere.

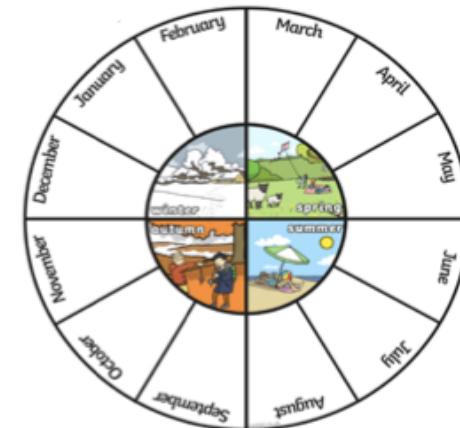
#### How Weather Affects us

The weather **affects** what we do and what we wear. If it is rainy, we wear **waterproof** clothes when we go outside. If it is hot, we need to wear sun cream and a sun hat.

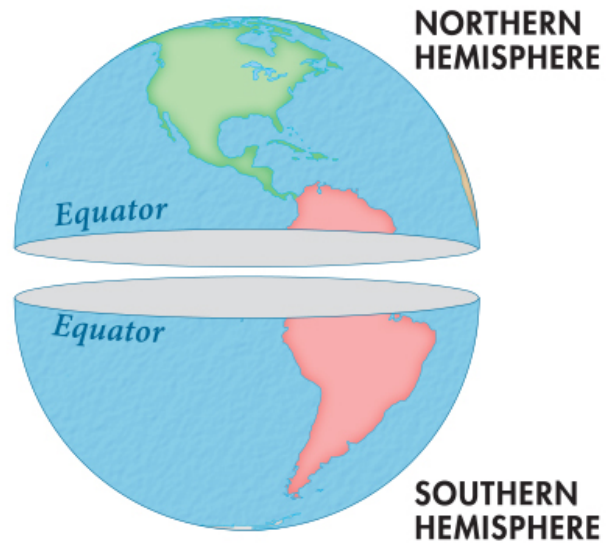


#### Our Weather

The weather in the **United Kingdom** can change from day to day. The four **seasons** have particular weather patterns. You could keep a weather diary by measuring the **temperature** (using a **thermometer**) and **recording** your **observations**.



## The Equator



- The equator is an imaginary line that divides the world in half.
- The equator is an equal distance between the North and South Poles.
- The weather on the equator is hot all year round.
- At the equator, day and night are both 12 hours long.

## Fact File: Antarctica

Antarctica is the southernmost continent on Earth. The South Pole is near the middle of Antarctica. That's the very bottom of the planet.

There is very little rain in Antarctica and so it is considered as a desert.

Living in Antarctica is very different to living in Brandon. No-one lives there, only scientists and other people working at research stations stay there.

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

Antarctica is the coldest continent on earth!

## Locational Language

- Compasses are used to help people find their way or to show the position of something.
- There are four compass points – North, East, South and West.
- We can use a little rhyme to help us remember them:

Never (North)

Eat (East)

Shredded (South)

Wheat. (West)

