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Splendid Skies

Seasons

The United Kingdom has four seasons. These are spring, summer, autumn and winter. The weather is different each season. In the winter the days are short and the weather is usually cold. In the spring the days start to become longer and the temperature begins to rise.



spring



summer



autumn



winter

Changing environments

The environment changes each season. For example, in spring, green leaves and buds appear on the trees and plants begin to grow. In autumn, leaves begin to change colour and fall off the trees.

Weather

There are different types of weather. These include sun, rain, snow, cloud, fog and wind. People who forecast the weather are called meteorologists.

Weather symbols

Symbols are used to show different types of weather.



sun



cloud



rain



storm



hail



snow



wind



fog

Weather equipment

Weather can be measured using simple equipment.



A thermometer is used to measure the temperature.



A rain gauge is used to measure the amount of rainfall.



An anemometer is used to measure wind speed.



A weather vane is used to show the wind direction.

Extreme weather

There are many types of extreme weather. Extreme weather can be dangerous to both humans and the environment.



flood



storm

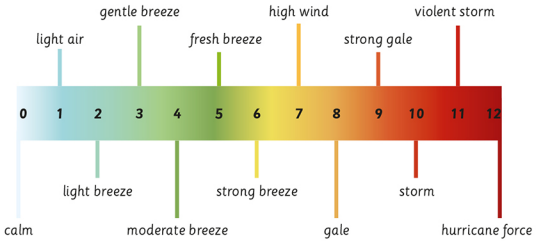
Tip: Print in A3.

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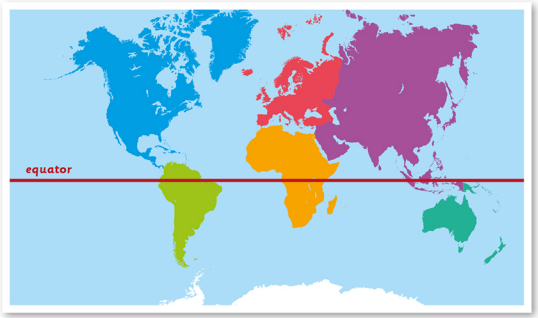
Beaufort Scale

Sir Francis Beaufort was an admiral who created the Beaufort Scale. The Beaufort Scale helps sailors to understand wind conditions.



World weather

The equator is an imaginary line that divides the Earth into two parts, the Northern and Southern Hemispheres. Warmer areas of the world are closer to the equator and colder areas of the world are further from the equator.



Key

Africa · Antarctica · Asia · Australia
Europe · North America · South America

Comparing climates

Weather and climate mean different things. Weather is rain, sun or snow and it is changing all the time. Climate is the pattern of weather over a longer time. There are differences in the climate between continents across the world.



Antarctica is far away from the equator and has a cold climate.



Africa is close to the equator and has a hot climate.

Shadows

All light travels in straight lines. Light can travel through transparent materials but not through opaque materials. A shadow is formed when light from a light source is blocked by an opaque object.



Glossary

continent	A large mass of land.
equator	An imaginary line around the middle of the Earth.
extreme	Very serious or intense.
flood	A large amount of water that covers the land.
hemisphere	A half of the Earth.
opaque	A material that does not allow light to pass through.
storm	A type of weather that includes heavy rain, strong winds or snow.
translucent	A material that allows some light to pass through.
transparent	A material that allows light to pass through.
weather forecast	A prediction of the weather.

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