

Year 1 Summer 2 Knowledge Organiser

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.



Splendid Skies

Imagine floating high above land and sea on a bed of clouds, silently sweeping by on a billowing breeze. Back down to earth, let's take a walk outdoors. But what should we wear? Wellington boots? A sun hat? Maybe a warm coat? How do we know what the weather will be like today? If you don't like today's weather report, why not write your own? Find out more about the weather in your area by making your own weather diary. What weather do you prefer? Sunshine, snow, storms or showers? Get your wellies on and let's go. Let's find the hottest and coldest places on earth and what extreme weather comes with it.

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 (yellow), Antarctica (white), Asia (purple), Australia (green), Europe (red), North America (blue), South America (light green)

Extreme weather

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



flood



storm

English

Throughout the topic we will be covering the following genres of writing:

Reports

Lists and instructions

Poetry

Invitations

Diaries

Characters and settings.

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



Weather symbols

Symbols are used to show different types of weather.



sun



cloud



rain



storm



hail



snow



wind

FOG

fog

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.

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.

