

Project glossary

anemometer

A piece of equipment that measures the strength of the wind.

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animal

A living thing that eats food to live and moves.

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autumn

A season in the year that happens in September, October and November in the United Kingdom.

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Beaufort Scale

A set of numbers from 0 to 12 that uses descriptions to name and measure the strength of the wind.

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blossom

A small flower or lots of small flowers on a tree or plant that can develop into fruit.

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breeze

A light wind.

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bud

A part of a plant that develops into a flower or leaf.

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cloud

A fluffy mass that floats in the sky and is made up of water.

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dark

Without the Sun's rays.

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daytime

The time during the day when it is light.



deciduous

A tree that loses its leaves in autumn and grows new ones in spring.

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dormant

Not active or not growing but will become active or grow in the future.

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Earth

The planet on which we live.

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evergreen

A tree that sheds old leaves and grows new leaves all year round.

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fog

Cloud that forms close to the ground.

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fruit

A part of a plant that has one or more seeds inside.

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gale

A very strong wind.

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grow

Change and develop as something gets older.

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hail

Precipitation where small, hard balls of ice fall from clouds.

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hibernate

When animals become dormant during the winter months.

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hurricane

A violent wind that can cause destruction.

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leaf

A part of a plant that is joined to a stem.



light

Brightness from the Sun's rays that makes it possible to see things.

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meteorologist

A scientist who collects measurements of temperature, wind speed and precipitation to forecast the weather.

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migrate

When animals travel to a different place when the season changes.

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night time

The time during the night when it is dark.

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Northern Hemisphere

The half of the Earth that lies north of the equator.

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precipitation

Water that falls from the clouds to the ground as rain, snow, sleet or hail.

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rain

Droplets of water that fall from clouds.

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rainfall

The amount of rain that falls in a place at a particular time.

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rain gauge

A piece of equipment for measuring how much rain falls.

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rays

Invisible light from the Sun that travels to the Earth in a straight line, giving Earth heat and light.

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season

One of the four periods of the year, including spring, summer, autumn and winter.



seasonal change

The weather patterns and events that happen during spring, summer, autumn and winter.

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sleet

A mixture of rain and snow that falls from clouds.

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snow

Soft, white ice that falls from clouds.

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spring

A season in the year that happens in March, April and May in the United Kingdom.

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storm

Extreme weather with strong wind, heavy rain, thunder and lightning.

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summer

A season in the year that happens in June, July and August in the United Kingdom.

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Sun

A star that gives Earth light and heat. The Earth moves around the Sun.

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sun cream

A cream people put on their skin to protect it from the Sun's invisible and harmful rays.

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sunglasses

A pair of glasses with dark lenses that people wear to protect their eyes from the Sun's invisible and harmful rays.

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sunrise

The time in the morning when the Sun first appears in the sky.



sunset

The time in the evening when the Sun disappears from the sky.

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thermometer

A piece of equipment used to measure temperature.

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weather

What the air outside is like in one place and at one time.

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weather forecast

A prediction of the weather for a specific place and time.

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wind

The movement of air.

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windsock

A piece of equipment used to measure the strength and direction of the wind.

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winter

A season in the year that happens in December, January and February in the United Kingdom.

Scientific terms glossary

bar chart

A type of chart that uses blocks or rectangles to show different amounts.

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compare

To look at two or more things closely and see what is the same or different.



data

Collected information or facts, including numbers, words, measurements or observations.

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degrees Celsius (°C)

A unit for measuring temperature.

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describe

To say aloud or write how something is done or what something is like.

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equipment

An object or objects that are needed for a particular purpose, such as a hand lens, ruler or thermometer.

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investigation

An activity that involves a person studying a subject or problem carefully to learn facts or answer a question. An investigation includes a planning, doing, recording and reviewing stage.

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measurement

The exact amount of something, such as the length, height, mass or volume in standard units.

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millimetre (mm)

A unit for measuring length or height.

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observe

To watch or look at something carefully.

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prediction

A statement made by a person where they say what they think will happen in the future, using their knowledge or experiences.



question

Something we ask using the words how, what, where, when, who and why.

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record

To write down data, such as numbers, words, measurements or observations in different ways, such as lists, tables, charts or labelled diagrams.

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research

To study a subject to discover new facts or information.

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results

The data collected from an investigation or test.

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table

A way of recording data in rows and columns.

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temperature

A measurement for how hot or cold something is, recorded in degrees Celsius (°C).

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unit

A system of measurement, such as millimetres or degrees Celsius.

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volume

The amount of space an object takes up.

