

Glossary

air

A mixture of gases that we breathe. Plants need it to make food and grow well.

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bark

A protective outer layer around the stem of a tree.

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basal plate

The flat part at the bottom of a bulb where the root grows.

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branch

A part of a tree that grows out from the trunk.

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bulb

A swollen stem that contains a tiny plant and a store of food.

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deciduous

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

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embryo

A part of a seed. It is a very young plant.

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evergreen

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

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flower

A part of some plants. It has petals and produces seeds.

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flower bud

A part of a bulb that contains a tiny plant.

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fruit

A part of some plants that develop from flowers.



germinate/germination

The first stage of plant growth when a seed starts to grow.

habitat

The place where a plant or animal lives, such as a woodland or desert.

leaf

A part of plant that makes food for the plant.

nutrient

A substance that plants and animals need to stay alive and grow well.

plant

A living thing that usually has roots, stems, leaves and flowers.

root

A part of a plant that is usually underground. It takes in water and nutrients from the soil to help the plant grow and stay alive. It also holds the plant securely in the ground.

scales

The inner layers of a bulb that provide food for the plant.

season

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

seed

A small object that a plant makes to grow new plants.

seed coat

The hard, outer layer of a seed that protects its inside parts.

shade

An area under or behind something, which is dark and cool.



soil

The material in which most plants grow.

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stem

A part of a plant. It grows upwards towards the light and supports the leaves and flowers.

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sunlight

Light that comes from the Sun. Plants need it to stay alive and grow well.

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survive

To stay alive.

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temperature

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

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tree

A type of plant that has roots, a trunk, bark, branches, leaves and flowers.

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trunk

The stem of a tree.

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tunic

The outer, papery layer of a bulb.

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warmth

A warm temperature.

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water

A colourless liquid that is needed by all living things.



Scientific terms glossary

compare

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

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conclusion

An explanation of what has been found out using the data collected.

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data

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

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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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method

A set of instructions or steps to do a particular task.

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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.

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question

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



record

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

research

To study a subject to discover new facts or information.

results

The data collected from an investigation or test.

