

# Project glossary

## **artificial**

Made by humans.

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## **block**

To stop the passage of something.

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## **darkness**

The absence of light.

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## **light**

A form of energy that travels in straight lines and makes objects visible.

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## **light source**

Something that produces light. It can be natural, such as the Sun, or artificial, such as a light bulb.

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## **mirror**

A piece of glass with a shiny, metal-covered back that reflects light.

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## **Moon**

A natural satellite of Earth that is visible because it reflects light from the Sun.

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## **natural**

Existing in nature and not made by humans.

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## **opaque**

A material that does not allow light to pass through and cannot be seen through.

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## **ray**

A narrow beam of light.

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## **reflect**

To bounce off a surface.



**reflective**

To be able to reflect light from its surface.

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**reflector**

An object that reflects light.

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**shadow**

An area of darkness created when an object blocks light.

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**shiny**

To have a reflective or glossy surface.

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**Sun**

A star around which Earth orbits. The Sun is a natural light source that provides light and heat for Earth.

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**sun cream**

A cream rubbed into the skin to protect it from harmful ultraviolet light from the Sun.

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**sun protection factor (SPF)**

A worldwide standard for measuring the effectiveness of sun protection products, such as sun cream.

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**translucent**

A material that allows some light to pass through and can be seen through but objects appear blurry.

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**transparent**

A material that allows light to pass through and can be seen through.

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**ultraviolet (UV) light**

Harmful light from the Sun that ages or burns the skin and cannot be seen by humans.



# Scientific terms glossary

**cyanotype paper**

Paper coated with chemicals that react when they are exposed to sunlight.

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**data**

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

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**diagram**

A drawing with labels that shows the parts of something.

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**equipment**

An object or objects that are needed for a particular purpose.

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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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**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.

