

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.

