

# Biology Bricks Keywords

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## What This is About

Please use this document to help further your knowledge, by printing out the keywords associated with the relevant page.

This document is set up for you to cut out the keywords (and laminate them if you think it will help), to be used as a quick guide reference for the subject matter that is included.

## Warning

**Please note:** the keywords included in this document are those that link with the page subject matter. They may relate to other pages as well, but they are meant for the page that the link is provided from. Use them as a resource as you so wish.

## Printing

Please feel free **not** to print this page of the document, it is merely a reference and information page.

## Plant

An organism that requires sunlight to live, and that gets pollinated so it can reproduce by insects.



## Photosynthesis

The process of converting carbon dioxide and water to energy in the form of glucose and producing oxygen.



## Sunlight

A major part of the process of photosynthesis, sunlight provides warmth, as well as means to produce food for a plant.



## Carbon Dioxide

A major part of the process of photosynthesis, carbon dioxide is one part carbon to two parts oxygen.



## Oxygen

Oxygen is converted from carbon dioxide during photosynthesis. Plants create this, which we need to be able to breathe.



## Energy

Photosynthesis enables a plant to create its own energy, in the form of glucose.



## Glucose

Glucose is a form of sugar that is created during photosynthesis in plants. It is used as a form of food to help create new shoots and flowers.



## Water

Needed by every living organism, water is a by-product of photosynthesis, and is often lost through transpiration (a bit like evaporation).



## Plastid

A changing organelle within the plant that changes depending on the amount of sunlight. Chloroplasts are plastids.



## Protein

Proteins are created from the process of photosynthesis. This helps with reproduction and growth of the plant.



## Calvin Cycle

The process of making the proteins using sunlight and photosynthesis is called the Calvin Cycle.



## Chlorophyll

A building block for photosynthesis that enables the conversion of sunlight into energy.



## Chloroplast

A green pigmented organelle found in each plant, specifically in the mesophylls. They are biconvex in shape, and have two membranes.



## Photosynthetic Organism

An organism that relies on photosynthesis to grow, reproduce and generally stay alive.

