

# 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.

## Factors

A factor is how something affects another thing. In this instance, it is something that affects the rate of photosynthesis.



## Photosynthesis

The process of converting carbon dioxide and water into oxygen and glucose. It can happen slow or fast depending on factors.



## Sunlight

A major factor that affects photosynthesis. Sunlight not being present means that photosynthesis slows down.



## Temperature

Too high a temperature, and denaturing happens (like an enzyme) to the chloroplasts. Too low a temperature and the plant slows up photosynthesising.



## Carbon Dioxide

Too much carbon dioxide and the photosynthesis rate plateaus, the lower the level, the slower the rate of photosynthesising.



## Water Supply

If there's not enough water, then it disrupts protein creation, if there's too much then the plant becomes overflowed with water and will not photosynthesise correctly.



## pH Level

Plants need varying amounts of pH levels, and each plant is different. Provide the right amount for each plant, and it will work in optimum levels.



## Water Stress

Water stress is the absolute loss of water in places. It includes very hot and dry places like Bahrain and parts of Africa.



## Agriculture

Agriculture can have an effect, as it can remove water from the area and slow down photosynthesis.



## Light Wavelength

Plants need a lot of green light, and without this from the sun, it can't do the process properly.



## Light Duration

Plants need a certain duration or length of sunlight in order to photosynthesise properly. Without it, the plant might not work at optimum level.

