Biology Bricks Keywords

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.

Respiration

A process that works on the cellular level, it produces energy for the plant from the air in the atmosphere, and some other elements.

Photosynthesis

Before respiration occurs, photosynthesis happens, so that the plant draws in carbon dioxide and water to process into energy.

Cellular

Cellular respiration is done by the plant in order to create energy ready for use in growth and reproduction.

Oxygen

One of the main parts of respiration, oxygen is released from the plant as a product.

Glucose

Glucose is created as a form of energy, and is stored in the plant until it is needed for growth or reproduction.

Gas Exchange

This is the process of respiration, created by the intake of carbon dioxide, and the output of oxygen from top to bottom of the leaf.

Energy

Created during photosynthesis, energy is used during respiration for the gas exchange.

Daytime

Daytime respiration happens a lot faster than at night time. This is because photosynthesis can also occur rapidly.

Nighttime

Respiration is slowed down during night time, mainly because photosynthesis also slows down due to lack of sunlight.

Aerobic

During respiration, energy is created. For aerobic methods, it uses oxygen to create a lot of energy in one go.

Anaerobic

During respiration, energy is created. Without the use of oxygen, this process is smaller in size than when using oxygen. This is called anaerobic.

Oxygen Debt

Plants need oxygen to survive, and they use small amounts of it during photosynthesis. When there isn't enough for it, they wilt, and this is where oxygen debt happens for them.