

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

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Carbon Cycle

The carbon cycle is a cycle that includes all organisms, as we are all made up with carbon atoms. When we die, we decompose, and the carbon is used for energy, and more.



Plants

Plants are carbon-based producers that take in carbon dioxide and use carbon to create energy.



Decomposers

Decomposers like an earthworm break down organic material in the carbon cycle, which fertilises the land.



Oil

Oil is a product of millions of years of pressure. It is formed from the organisms that lived that long ago, such as dinosaurs.



Gas

Gas is a product of millions of years of pressure. It is formed from the organisms that lived that long ago, such as dinosaurs.



Coal

Coal is a product of millions of years of pressure. It is formed from the organisms that lived that long ago, such as dinosaurs.



Dying

Dying is part of the carbon cycle. When an organism dies, it doesn't just sit around doing nothing. It decays over many years, and decomposes through organisms that eat the organic material.



Decay

Decay is a process that happens to an organic-mattered organism, and it can be slowed down or sped up depending on location.



Climate Change

Climate change can be linked to the amount of carbon used or made during the carbon cycle. If more carbon is being produced, it has a negative effect on climate change.



Fossil Fuel

A fossil fuel is a fuel that is finite in the amount, and it is created through millions of years of pressure. Coal, oil and gas are fossil fuels.



Methane

Methane is a gas that is released from the Earth's core, as well as all living organisms. It can be a factor in climate change.



Power Plant

A power plant can run on all three fossil fuels. There are other power plants that use renewable energy, but the ones that use a fossil fuel add to the carbon cycle.



Carbon Sink

A carbon sink is a large area where carbon is “lost” to natural, or sometimes man-made resources and techniques.



Sequestration

Moving carbon from above ground to underground is a man-made way of removing carbon from the atmosphere.



Photosynthesis

Photosynthesis occurs when carbon dioxide, water and sunlight go into a plant, and it then releases oxygen and uses glucose. It is part of the carbon cycle.



Plankton

Plankton is a small microscopic organism that ingest carbon in the oceans, and is part of the carbon cycle.



Algae

Algae is a green, and sometimes blue microorganism that takes in carbon and processes it to release oxygen. They provide up to 60% of the oxygen we breathe, and are also part of the carbon cycle.

