

Biology Bricks Keywords

What This is About

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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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Classification

The way we classify each organism that lives on the planet is done through classification.



Taxonomy

The process of naming a new organism found in the world, using a latin system, created by Carl Linneaus.



Kingdom

There are five kingdoms that every organism fits into – animalia, plantae, fungi, protista, archaea and bacteria. Some scientists believe in a sixth, called monera.



Phylum

Down the rules of taxonomy, phylum is the second level, after kingdom. It is broader than kingdom, and enables differences to be noticed.



Class

The third level in taxonomy and below phylum, class further depicts differences in the organisms classified.



Order

Order is the fourth level in taxonomy, below class, and further depicts differences with organisms. By this point, there are many orders.



Family

The fifth level, family is below order, and here we find families like feline, and canine.



Genus

The sixth level, genus is part of the binomial system of naming culture, and is always capitalised in the first letter.



Species

There are many species. This is the broadest, and the seventh level of taxonomy. It also makes up the binomial naming culture, and is always all lowercase.



Carl Linnaeus

A Swedish scientist that created the way we order and classify organisms in the world.

Taxonomy was first created in the 1700s, and he led the way with his naming system that we use to this day.



Carl Woese

An American scientist, he reordered the two-domains system we were used to, to a three-domain – bacteria, eukaryota, and archaea.

