

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.

Variation

Variation is the differences between species that make an organism different. It can be as simple as being male or female, or it can be complex and involve more characteristics.



Differences

Differences between species varies due to small changes that are made in their genetic code, which evolves over a long period of time.



Traits

Traits, also known as characteristics or alleles, are the changes and differences in one organism to the next. They are passed down through generations of the same species.



Genome

A genome is the total genetic code of an organism. Fruit flies have had their genome mapped, along with humans and other organisms.



DNA

DNA, or Deoxyribonucleic acid, is the genetic code marker that signifies what you look like, how tall you are and what hair colour you have. It also determines a lot more beside, including vaccines against illnesses.



Allele

Alleles, also known as characteristics or traits, are the changes and differences in one organism to the next. They are passed down through generations of the same species.



Characteristics

Characteristics, also known as traits or alleles, are the changes and differences in one organism to the next. They are passed down through generations of the same species.



Extreme Environment

An extreme environment is something that is only livable in by an organism that has adapted well to it through natural selection.



Small Changes

Small changes in the DNA can mean an organism can live in an extreme environment, for example, or it can change its behaviour to suit the environment it does live in.



Species

A species is one of many types of that animal or plant. It means there are small differences between one or another.



Genetic Code

The genetic code is the sum of all the differences and characteristics of an organism.

