



Science Vertical Concepts

10. Diversity of organisms, living and extinct, is the result of evolution

Nursery

Year 1

There are many different kinds of plants and animals in the world today.

Year 3

Fossils are preserved remains or traces of living things.

Year 5

Although organisms of the same species are very similar, they vary a little from each other.

Year 7/KS3

The natural selection of organisms has been going since the first form of life appeared on Earth 3.5 billion years ago.

Multi-cellular organisms evolved around 2 billion years ago.

Reception

Different animals and plants live in different habitats.

Year 2

Year 4

Year 6

There are many kinds of organisms that were once alive but are now extinct.

We know about extinct animals from fossils.

Living things are found in certain environments because they have the features that enable them to survive there. This adaptation to their environment has come about because of the small differences that occur during reproduction, resulting in some individuals being better suited to the environment than others. In the competition for materials and energy, those that are better adapted will survive and are more likely to pass on their adapted feature to offspring.