



The Big Question

Environments change – What affect have humans had on the environment? What impact does this have on animals and plants?



Key Information

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| The classification of groups of living things | The billions of different kinds of living things (organisms) on earth have been divided up, by scientists, into groups according to their similarities and differences. This is known as classifying. |
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| Classes of animals | There are many different classes of animal. |
| ‘Class’ vertebrates | Those with backbones are known as the ‘class’ vertebrates. These are then grouped into mammals, birds, fish, reptiles and amphibians. |
| ‘Class’ invertebrates | Invertebrates, animals without backbones, are arachnids, insects, snails and slugs and worms. |
| Food chains | Food chains are a map of the flow of energy from a plant (primary producer) through consumers. |
| Climate Zones and their relationship to longitude and latitude | The position and significance of latitude and longitude and how this affects climate and different biomes. |

Vocabulary

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| Biome | A large naturally occurring community of flora and fauna occupying a major habitat, e.g. forest or tundra |
| Classifying | To put into groups according to things that are similar. |
| Consumer | A living thing that cannot make its own food and so received its energy through consuming (eating) other plants or animals. |
| Ecosystem | A community of living things, together with their environment. |
| Energy | The ability to have force or power or to do work. |
| Food chain | A series of living beings in which each serves as food for the next. |
| Habitat | The natural environment of an animal or plant. |
| Invertebrate | Without a backbone. |
| Mammal | Any animal that has hair and feeds its babies with milk from the mother |
| Producer | A living thing that makes its own food. |
| Vertebrate | Having a backbone. |