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| Vocabulary |
| Climate change | Climate change describes a change in the average conditions, such as temperature and rainfall, in a region over a long period of time. |
| Species | A group of animals, plants or other living things that all share common characteristics and that are all classified as alike in some manner. |
| Fungi | Fungi are a classification or group of living organisms. This means they are not animals, plants, or bacteria. |
| Bacteria | Bacteria are tiny little organisms that are everywhere around us.  |
| Extinct | A species becomes extinct when the last existing member of that species dies. |
| Classification key | A **key** is a set of questions about the characteristics of living things. You can use a **key** to identify a living thing or decide which group it belongs to by answering the questions. |

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| Sticky knowledge |
| Animals can be grouped based on their physical characteristics (e.g. vertebrates and invertebrates) and based on their behaviour (e.g. herbivores, carnivores and omnivores). |
| Living things are divided into kingdoms: the animal kingdom, plants, fungi, bacteria, and single-celled organisms. |
| A classification key uses questions to sort and identify different living things. |
| Changes to the environment can make it more difficult for animals to survive and reproduce; in extreme cases this leads to extinction, where an entire species dies. |
| Human activity – such as climate change caused by pollution - can change the environment for many living things, endangering their existence. |
| Polar bear are a famous example of climate change endangering the existence of a species; as the climate changes and gets warmer, the sea ice on which polar bears live reduces in amount making it harder for them to survive and reproduce. |

Living things depend upon their habitats to give them everything they need, including food, water, air and a space to live and grow. Human beings are able to make big changes to their habitat to make it suitable for them to live in.

Objectives

-recognise that living things can be grouped in a variety of ways

-explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment

- recognise that environments can change and that this can sometimes pose dangers to living things.

