

Our Learning Keys

Living Things and Their Habitats

Science

Year 4

Spring 1

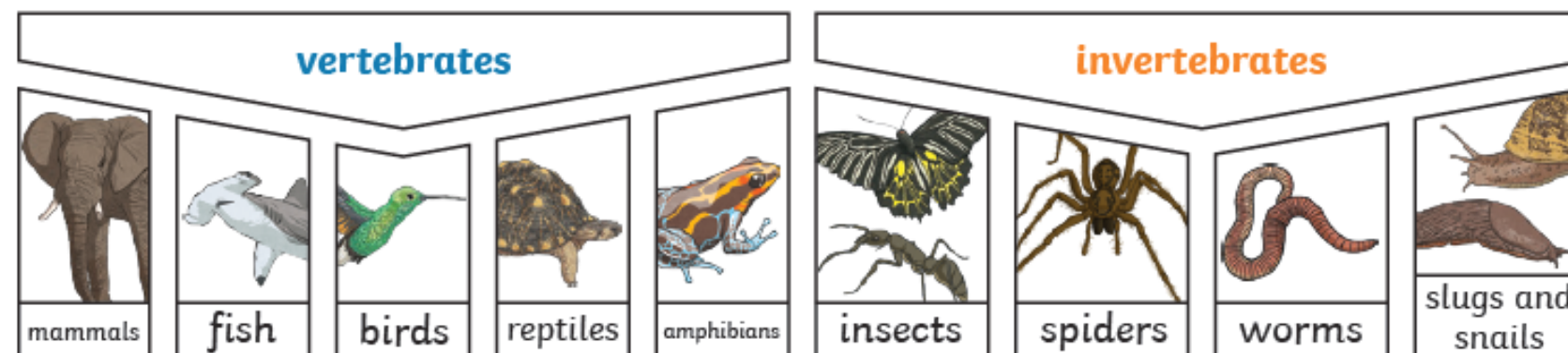
Questions

- What different types of animals are there?
- How do environments change over time?
- How do changes to an environment affect the animals that live there?
- How do scientists decide which group different animals should be in?

Vocabulary

organism	a living thing
respiration	the process of taking in and letting out air (to gain oxygen)
reproduction	the process of making offspring
sensitivity	the process of responding to an environment
excretion	the process of removing waste from the body
nutrition	The process of obtaining food in order to stay healthy
vertebrate	animals with a backbone
invertebrate	animals without a backbone
characteristic	the features which are specific to a species
endangered species	a species of which not many are left, and they are at risk of becoming extinct
extinct	when no more of a species exist, it has become extinct

Images



Facts

- We can sort living things into groups. This is called classification. We can use classification keys to ask YES/NO questions about living things. This helps us to sort them.
- Vertebrates can be divided into five groups:
 - Fish - such as sharks, tuna and salmon
 - Mammals - such as humans, dogs, cats and elephants
 - Birds - such as seagulls, penguins and pigeons
 - Reptiles - such as turtles, crocodiles and lizards
 - Amphibians - such as frogs, toads and newts
- Invertebrates make up 98% of all animals. They include insects (such as butterflies and grasshoppers), arachnids (such as spiders and scorpions), crustaceans (such as crabs and woodlice), annelids (such as worms) and molluscs (such as slugs and snails).
- Changes to an environment affect the animals that live in the habitat.

Previously...

In Year 2 we learned about the differences between things that are living and dead.

Now

Next...

In Year 5, we will learn about the process of reproduction in some plants and animals.

Links

- Literacy: Non chronological report about animals
- Computing: Data handling, branching database
- Geography - habitats, changes in the environment

Doors this will open...

Zoologist

Farmer

Gardener

Naturalist

Environmentalist

