

Year 4: Living Things & Their Habitats Knowledge Mat

Subject Specific Vocabulary

classification

The process of how things are grouped according to their features.

key

A sorting diagram used to classify and identify living things according to their features.

vertebrate/ invertebrate

An animal with a back bone/without a back bone.

mammal

A warm-blooded, fur or hair covered vertebrate that feeds its young with milk, e.g. human, dogs.

reptile

A scaly vertebrate that lays eggs on land, e.g., snakes, lizards.

amphibian

A cold-blooded vertebrate that can live on land and in water.

adaptation

The process where living things adapt to their environment over time in order to survive.

extinction

When a species no longer survives on earth – it has died out.

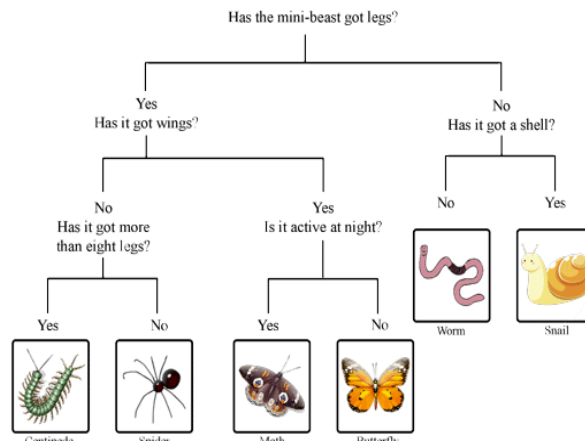
endangered

When a species is at risk of becoming extinct.

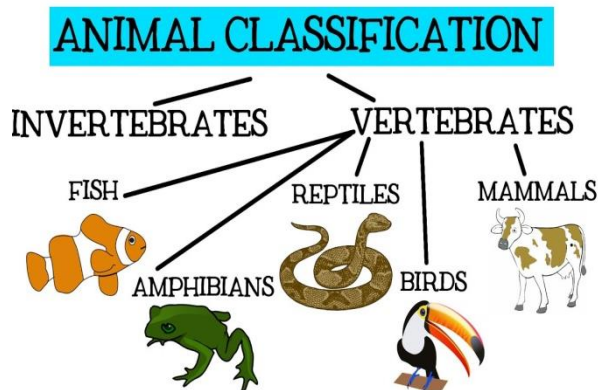
environment

The physical surroundings in which living things survive.

A Classification Key



Animal Classification



Important knowledge

- ☐ I can group living things in a variety of ways and I know the different classifications of animals: vertebrates, invertebrates, reptile, fish, amphibian, bird and mammal
- ☐ I know living things found in the local environment and create a classification key to name leaves and trees
- ☐ I know the factors that impact on local environments and suggest protective measures
- ☐ I know the benefits of wildlife reserves and parks and explain why areas like this are needed
- ☐ I know changes that happen to the environment and on earth and the impact these have on living things
- ☐ I know what is meant by extinction and I know animals that are extinct or endangered; I know factors that can cause extinction.
- ☐ I know what is meant by 'survival of the fittest'
- ☐ I can use Venn diagrams and Carroll diagrams to group animals
- ☐ I can group, sort and classify living things
- ☐ I can use my scientific understanding to describe problems with local environments and habitats and make suggestions for how to overcome them
- ☐ I can explore the local environment and identify ways in which humans are having a positive impact
- ☐ I can set up a fair test and explain why it is fair and collect data from an investigation
- ☐ I can use books and the internet to answer questions about the environment and adaptation
- ☐ I can record what I have learned about environmental changes and living things