

Grouping and Classifying

Year 4 Summer 1

Sticky Knowledge

What is a classification key?

How can we use it to sort animals?

Classification keys can be used to classify animals.
 Closed questions are used in classification keys. Yes and no questions are used.

What are the six animal classes?

Mammals, fish, birds, amphibians, reptiles, invertebrates. Can you remember any of their features from your previous work?

What is the difference between vertebrates and invertebrates?

Animals with a spine are called vertebrates.

Use your work to discuss how you classified and grouped animals or plants?

See children's work

- Animals without a spine are called invertebrates.





- Insects and spiders are invertebrates.

- Slugs and snails are soft-bodied invertebrates.

Can you name some flowering and non-flowering plants?

Mosses and ferns are non-flowering plants.
Flowering plants are daffodils, sunflowers etc.

Key vocabulary

- flowering plant** – a plant that can produce flowers and fruit

- non-flowering plant** – a plant that does not produce flowers and fruit

- stamen** – the male parts of a flowering plant

- pistil** – the female part of a flowering plant


Useful websites

What is Classification?

<https://www.bbc.co.uk/bitesize/topics/zxfwmmn/>

Key vocabulary

- mammal** – an animal with a spine, fur or hair on its body, and feeds its young on milk

- bird** – an animal with a spine, feathers, wings and a beak

- fish** – an animal with a spine, fins and gills, that lives in water

- amphibian** – an animal with a spine that can live on land and in water

- reptile** – an animal with a spine and dry scales on its body

- vertebrate** – an animal with a spine

Key Vocabulary

Vocabulary	Definition
Animal groups	Mammals, fish, birds, reptiles, amphibians, invertebrates
Invertebrate	Animals without a backbone. They may have an exoskeleton or be soft.
Vertebrate	Animals with backbones.
insect –	an invertebrate that has three body sections, six legs and two antennae
pollination	the transfer of pollen from the male parts to the female parts
fern	a non-flowering plant with long stems and feather-like leaves
moss	a non-flowering plant that grows in damp, moist conditions

Classification of Animals

