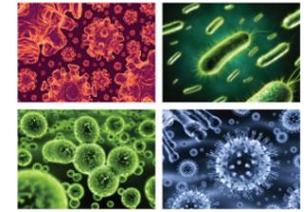




What is classification?



1. Can you classify a group of animals and plants based on similarities and differences?
2. Can you classify animals into vertebrates and invertebrates?
3. What are micro-organisms and how would you classify them?
4. Can you use a classification key?
5. Can you classify an unfamiliar animal or plant from a different habitat?
6. Can you explain the life cycle of a plant?

We learn the following Science knowledge and skills...

- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals
- give reasons for classifying plants and animals based on specific characteristics.
- classify animals into commonly found invertebrates and vertebrates
- research unfamiliar animals and plants from a broad range of other habitats and decide where they belong in a classification system
- take measurements using a range of scientific equipment
- record more complex data and results using scientific diagrams, classification keys, labels, scatter graphs, tables, bar and line graphs

Hook for Learning:

* clips from Planet Earth to investigate unfamiliar animals in different habits

We learn the following art knowledge and skills...

*** By observing artists' work can you capture images of a chosen animal?**

*Do their sketch books contain detailed notes, and quotes explaining about items?

*follow step-by-step instructions to draw different animals

We learn the following technology knowledge and skills...

*Take a plant or animal that you know and one that you don't know and create an IT presentation

We learn the following vocabulary:

*environment	*classify	*animals
*plants	*attributes	*endangered
*micro-organism	*bacteria	*fungi
*similarities	*differences	*humans
*amphibians	*reptiles	*insects
*characteristics	*birds	*life cycle
*habitats	*perish	*evolve
*vertebrates	*invertebrates	*monera
*algae	*protista	*species

Cross Curricular links:

Maths: Can you investigate the maths in the spiral of a snail's shell? Fibonacci numbers in nature

English: Non-chronological endangered animals report

Sub-headings, statistics, colon or semi-colon, brackets, facts, third person