

## Subject Specific Vocabulary

Characteristics	Special qualities or appearances that make an individual or group of things different to others.
Classify	To sort things into different groups.
Taxonomist	Scientist who classifies different living things into categories.
Vertebrate	An animal with a spinal cord.
Invertebrate	An animal that does not have a backbone.
Flowering plant	A plant that produces flowers
Non-flowering plant	A plant that doesn't produce flowers or seeds.
Microorganism	An organism that can only be seen using a microscope, e.g. bacteria, mould and yeast.

## Sticky Knowledge

Living things can be formally grouped according to characteristics. Plants and animals are two main groups but there are other living things that do not fit into these groups e.g. micro-organisms such as bacteria and yeast, and toadstools and mushrooms. Plants can make their own food whereas animals cannot. **Animals can be divided into two main groups: those that have backbones (vertebrates); and those that do not (invertebrates).** Vertebrates can be divided into five small groups: fish; amphibians; reptiles; birds; and mammals. Each group has common characteristics. Invertebrates can be divided into a number of groups, including insects, spiders, snails and worms. Plants can be divided broadly into two main groups: flowering plants; and non-flowering plants. Carl Linneus was a scientist who created a more in depth classification system which is used today.

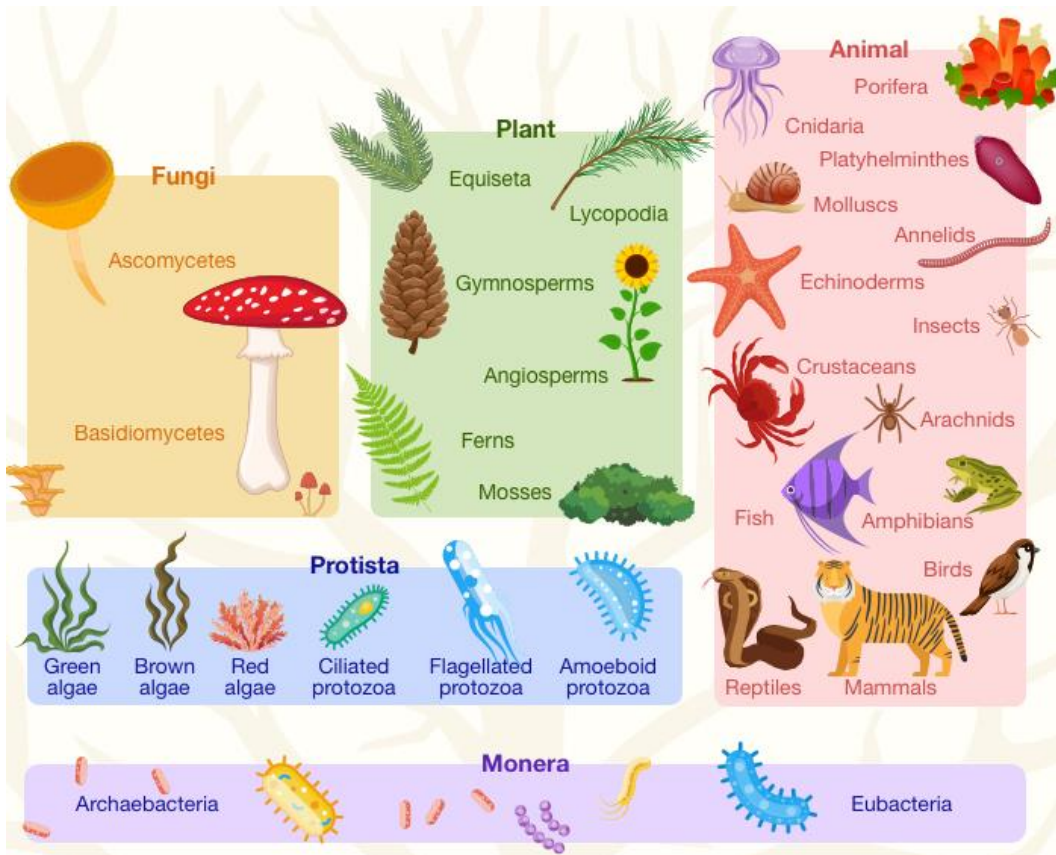
## Year 6 – Living things and their habitats

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.

(National Curriculum, 2014)





Living things are divided into five kingdoms:

- Animal
- Plant
- Fungi
- Protist
- Bacteria (Monera)

Books that you could read if you like this topic.

Actual Size — Steve Jenkins



Bloom — Nicola Skinner



## School Values

Respect  
Responsibility

## Aspirations

vet  
Microbiologist  
Wildlife worker

Sites you could look at if you like this topic

Kids Britannica

<https://kids.britannica.com/kids/article/animal/352756>

National Geographic Kids

<https://www.natgeokids.com/uk/category/discover/animals/>

American Museum of Natural History

<https://www.amnh.org/explore/ology/microbiology>