



KEY VOCABULARY

Classification

The **arrangement of animals and plants into groups** according to their observed similarities

Organism

An **individual animal, plant, or single-celled life form**

Animal

A **living organism that feeds on organic matter**, typically having specialised sense organs and nervous system and are able to respond rapidly to stimuli

Plant

A living organism such as trees, shrubs, herbs, grasses, ferns, and mosses, typically growing in a permanent site, **absorbs water and inorganic substances through its roots**, and **makes nutrients** in its leaves by photosynthesis using chlorophyll

Taxonomy

The branch of **science concerned with classification**, especially of organisms

## Carl Linnaeus

Carl Linnaeus was a scientist who designed the system of classification that we use for plants and animals today.



## Kingdoms of Living Things

**Plant**

Absorb water and nutrients in soil  
Makes nutrients through photosynthesis



**Animal**

Feeds on organic matter  
Specialised organs  
Respond to stimuli



**Fungus**

Have cell wall  
Break down decaying material



**Protist**

Unicellular or multicellular organism  
Features of plant or animal or both



**Bacteria**

Single cell simple organisms  
No cell wall, cell membrane or cell nucleus

