Science PKC

Classification

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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	