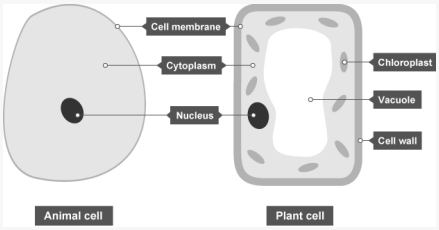
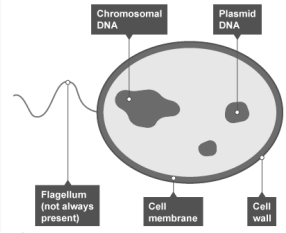
Cells

Prokaryotes	Smaller and simpler like bacteria
Eukaryotes	Complex and include all animal and plant cells.

Animal and Plant Cell



Bacterial Cell



Names and their Functions

Nucleus	contains genetic material that controls the activities of the cell.
Mitochondria	most reactions for aerobic respiration takes place. Respiration transfers energy that the cell needs to work.
Cytoplasm	Gel-like substance where most chemical reactions happen. It contains enzymes that controlthese reactions.
Cell membrane	holds the cell together and controls what goes in and out.
Ribosomes	where protiens are made.
Cell wall	made of cellolose to strengthen the cell.
vacuole	contains cell sap. A weak solution of sugars and salts.
Chloroplast	Where photosynthesis takes place. They contain a green substance called chlorophyll which absorbs light needed.

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