

GCSE Biology AP1 - cell biology Cheat Sheet by mixtry via cheatography.com/152931/cs/32925/

Cells

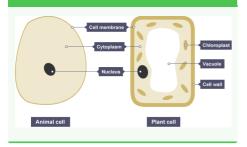
Prokar- Smaller and simpler like

yotes bacteria

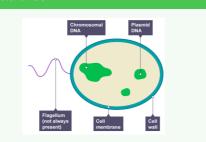
Eukaryotes Complex and include all

animal and plant cells.

Animal and Plant Cell



Bacterial Cell



Names and their Functions

Nucleus contains genetic material that controls the activities of the

Mitoch-

ondria

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 holds the cell together and membrane 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.



By **mixtry** cheatography.com/mixtry/

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