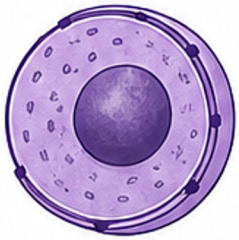
CELL ORGANELLE FUNCTION CARDS

✂ Cut along the dotted lines to use as function cards.



NUCLEUS

Controls the cell's activities and contains DNA.

ROUGH ER

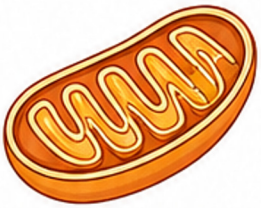
Synthesises and transports proteins made by ribosomes.

SMOOTH ER

Synthesises lipids and helps detoxify harmful substances.

GOLGI APPARATUS

Modifies, sorts and packages proteins and lipids for transport.



MITOCHONDRIA

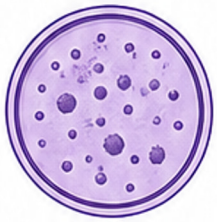
Site of aerobic respiration and ATP (energy) production.

CHLOROPLAST

Site of photosynthesis; converts light energy into sugar.

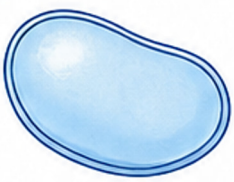
RIBOSOMES

Site of protein synthesis.



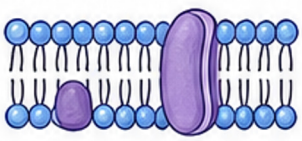
LYSOSOMES

Digest and recycle waste materials and worn-out cell parts.



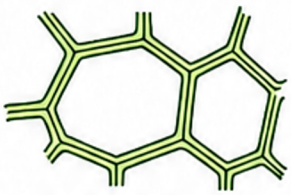
VACUOLE

Stores water, nutrients and waste; helps maintain turgor pressure in plants.



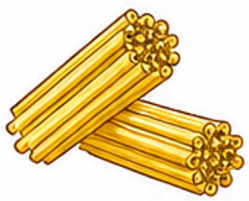
CELL MEMBRANE

Controls what enters and leaves the cell; protects and supports.



CELL WALL

Provides structure, support and protection in plant cells.



CENTRIOLES

Help organise microtubules and play a role in cell division.