



# Cell Biology Match and Draw

Draw a line to match the part of the cell with its function.

**nucleus**

**mitochondria**

**ribosome**

**cytoplasm**

**cell membrane**

**cell wall**

**chloroplast**

**permanent  
vacuole**

**flagellum**

**plasmid**

contains a green pigment called chlorophyll, which absorbs light energy for photosynthesis

rigid outer wall of plant cells which strengthens the cell and provides support

contains genetic information (DNA) and controls the activities of the cell

semi-permeable membrane that controls the movement of substances into and out of the cell

site of aerobic respiration, which releases energy for the cell

contains cell sap to keep the cell rigid

carries out protein synthesis using the genetic code from DNA

jelly-like substance where most chemical reactions occur

small ring of DNA that codes for specific functions e.g. antibiotic resistance

a tail-like structure that rotates to allow bacteria to move



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