

# CELLS



## Types of Cells

### Animal Cell

- No Cell Wall
- No Chloroplasts



### Plant Cell

- Cell Wall
- Chloroplasts



### Eukaryotic

Nucleus

## ORGANELLES

Structures inside the cell

### Prokaryotic

No Nucleus



### Nucleus

- Controls the cell
- Contains DNA

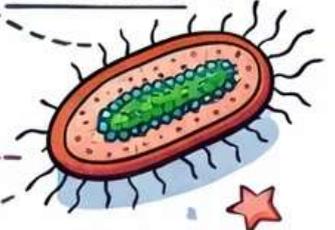


ATP!

- Powerhouse of the cell
- Produces Energy

### Ribosomes

- Make Proteins



### Chloroplasts

- Photosynthesis



### Endoplasmic Reticulum (ER)

Transports Proteins



### Vacuole

- Storage of Water & Nutrients



### Cell Membrane

- Controls what goes in & out.

Selectively Permeable!

## Key Facts!

### Cell Division

- Mitosis or Meiosis
- How Cells Reproduce



### Nerve Cell

### Specialised Cells



### Muscle Cell



### Root Hair Cell

