

- **Cell Membrane**
    - Also known as plasma membrane made of a thin delicate layer made of layers of fats and proteins
    - Completely surrounding cell for absorption of nutrients and disposal of waste and also holds in the constituents
- 

- **Nucleus**
    - Differentially permeable controlling the transport of materials in and out of cells
    - Isolate genetic materials which involves in cell division
- 

- **Cytoplasm**
    - Controls other cellular activity including synthesis of proteins
    - A jelly like substance that fill up the cell use to suspend various organelles
    - Place where metabolism takes place
- 

- **Mitochondria**
    - Rod shape organelle with folded inner structures
    - Site for aerobic respiration to generate energy from glucose, for cellular activity
- 

- **Chromosomes**
  - Thread like-structures
  - Made up of nucleic acids, proteins and contains genetic materials
  - Involves in cellular replication