

What Is... SCIENCE!

science is learning things in different terms and knowledge

Science ♥
 Theory of things
 logic
 knowledge

Science
 things around
 Science is about how things work

science explains if something is real or not, experiments and other stuff.

Science about experiments and what happens.

Plant cells!

Plants are made of different kinds of plant cells. They are like animal cells but have a protective wall and can make their own energy (from the sun).

- The Cell Wall is like a thicker skin around membrane to protect the cell.
- Cell Membrane is like a skin to keep what they need on the inside.
- The power centre of the cell converts nutrients into energy.
- The nucleus ('brain' of the cell) contains DNA for reproduction.
- The Chloroplasts turn light energy from the sun into sugar and oxygen.
- Everything floats in a jellylike fluid called cytoplasm. It also helps the cell move & stay in shape.
- Centrioles, helps in cell division.
- The ER - where proteins & fat are made & stored.

Bacterial cells!

They come in many shapes & sizes

- Bacteria are single celled, sometimes with little 'hairs' and horns.
- Some bacteria have a Capsule - another protective layer around the cell.
- The Cell Wall is like a thicker skin around membrane to protect the cell.
- Cell Membrane is like a skin to keep what they need on the inside.
- Everything floats in a jellylike fluid called cytoplasm. It also helps the cell move & stay in shape.
- DNA & plasmids contain the 'code' for the bacteria. They float around the cell (unlike in animal cells where they are in a little packet).
- Flagella are little hair-like appendages used for adhesion (sticking onto things).

Fun Fact: All of the bacteria in our body collectively weigh about the same as a grain of salt.









