

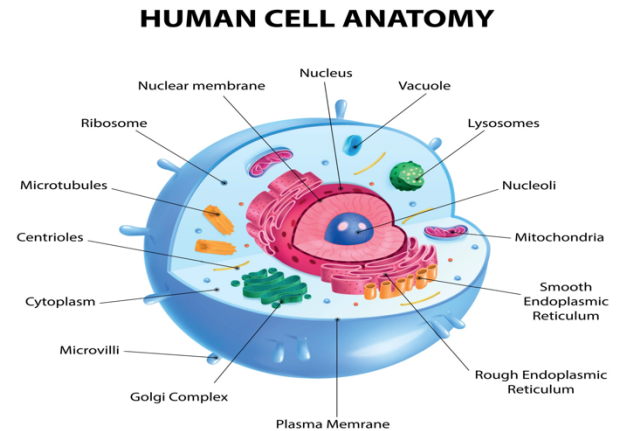
Basic Concepts of Science (Chemistry + Biology + Physics):

Using the web or any of the science textbooks or books in class, please write a definition of the words that explain each concept (science term) below. You are going to post these words, along with a picture of each, *on your portfolios*.

E.g. 1) **Cells** - cells are the building blocks of all human life. A cell is the smallest unit that can live on its own and that makes up all living organisms and the tissues of the body. There are 100 trillion cells in the human body.

2) Mitochondria - mitochondria are parts of cells that generate most of the chemical energy needed to power the cells' biochemical reactions.

- 3) Mitosis
- 4) Photosynthesis
- 5) Organism
- 6) Chromosome
- 7) DNA
- 8) Mutation
- 9) Heredity
- 10) Natural Selection
- 11) Adaptation
- 12) Species
- 13) Light
- 14) Gravity
- 15) Inertia
- 16) Friction
- 17) Magnetism
- 18) Electricity
- 19) Matter
- 20) Atom
- 21) Particle
- 22) Force
- 23) Energy



24) Heat

25) **Temperature** – the degree or amount of heat or cold present in a substance or object, compared to something else. Temperature can be expressed using a comparative scale and shown by a thermometer. Temperature can also be perceived by your senses (especially through touch).

(Mr. Yesaki 2023)

