

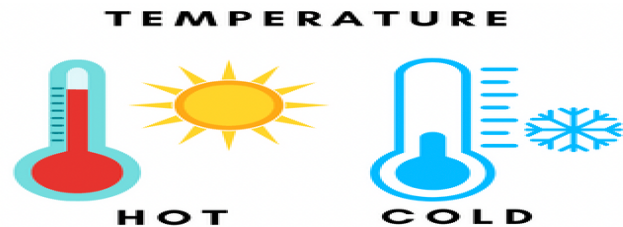
# Basic Concepts of Science (Chemistry + Biology + Physics):

Using the web or any of the science textbooks or books in class, please write a definition that explains each concept (science term) below. You are going to complete these descriptions (in the same style as my first three samples) in slideshow format (Canva, PPoint, Keynote). Please note that you must summarize each concept as much as possible in ***your own words***. 😊 You may work with a partner to complete this assignment.

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. Mitochondria are like cell batteries.

3) **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 felt (perceived) by your senses (especially through touch).



4) **The Particle Model of Matter**

5) **Newton's Three Laws**

6) **Energy**

7) **Energy Transfer**

8) **The Law of Conservation of Energy**

9) **Evolution vs. Adaptation**

10) **The Scientific Method**

11) **Law vs. Theory**

These will be kept in a working file (slideshow) that we can slowly add to as the year progresses. 😊

(Mr. Yesaki 2026)

