**1. What is Science?**

* Science is both a body of **knowledge** and a **process**

= information gained through **observation** and **experimentation.**

* The goals of science are to collect and organize information and to propose explanations that can be tested.

**2. What is Health Science?**

* our current knowledge of health & the application of that knowledge to:
  + **improve health**
  + **prevent and cure diseases**
  + **understand how humans and animals function.**
* Health Science is an **applied science**

= Health scientists make discoveries about factors which impact

health, disease, diagnostics and then use those discoveries

to give health professionals the tools required to deliver safe and

effective health care

* There are many branches of Health Science including:

- **anatomy**

- **physiology**

- **microbiology**

- **epidemiology**

- **immunology**

- **biotechnology**

- **etc**.

* All of these branches involve the use of both **Scientific Language** and the **Scientific Method**