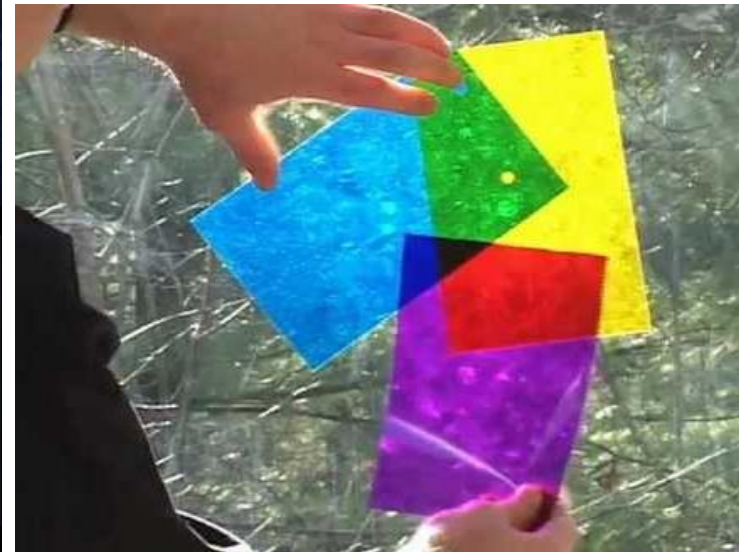




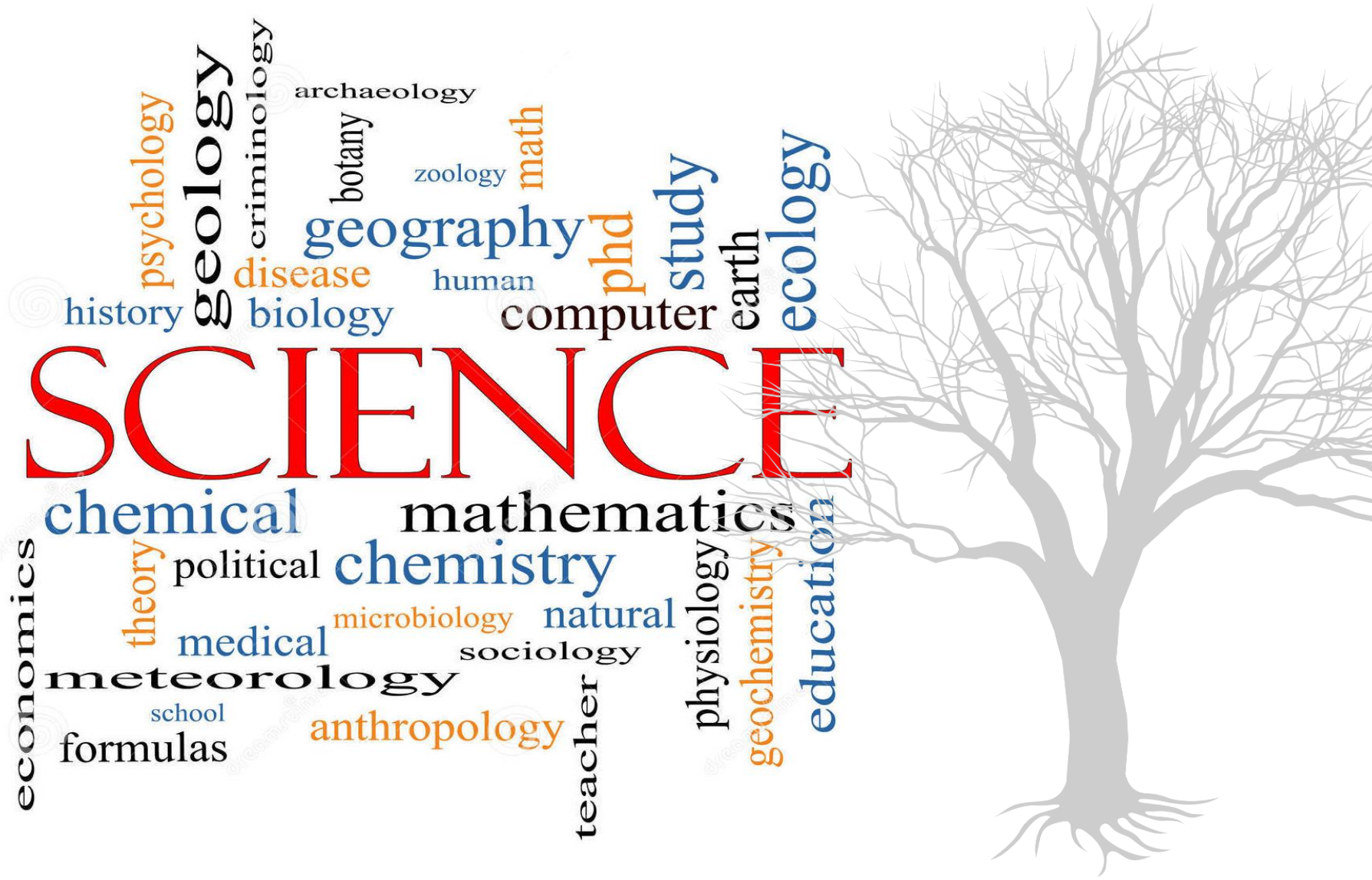
# What is Science?



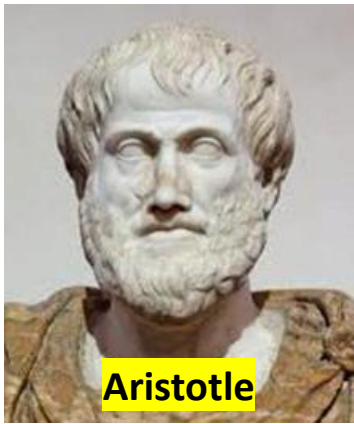
Science is an **organized** way of **attempting to understand the natural world**, both structurally and operationally.

- an *evidence-based way of knowing*
- a *process* of study of natural world
- involves observing, proposing explanations, testing explanations

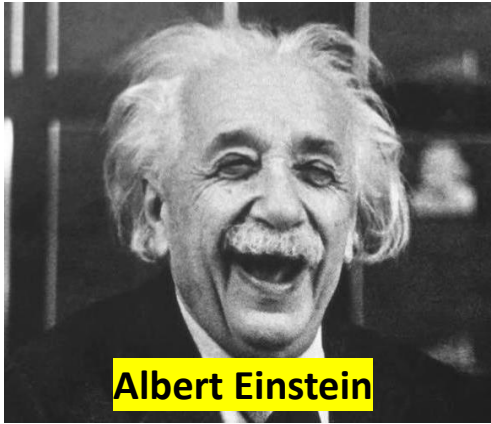




- from Latin *scientia*, meaning "knowledge"



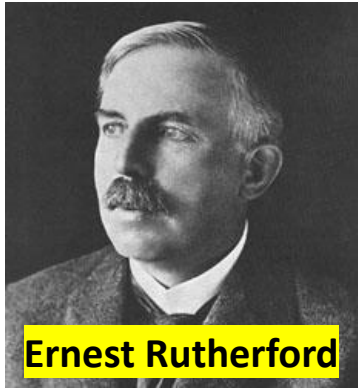
Aristotle



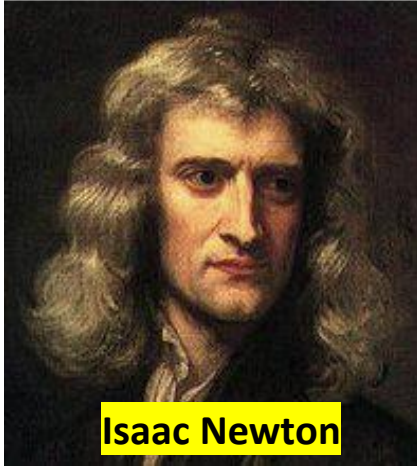
Albert Einstein



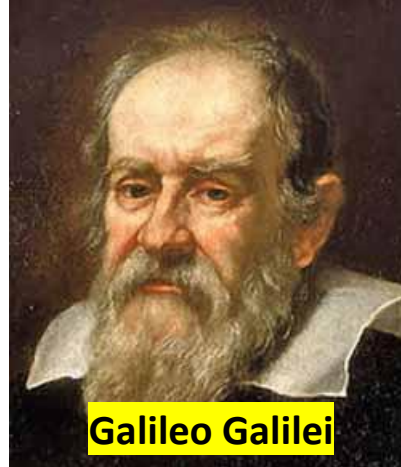
Benjamin Franklin



Ernest Rutherford



Isaac Newton



Galileo Galilei



Pierre and Marie Curie



Stephen Hawking



Antoine Lavoisier

Your picture here?



Dmitri Mendeleev



Tim Berners Lee

# **(some of) Our Topics**

**matter atom energy**

**force observation isotope**

**time measurement**

**molecule element plasma**

**radioactivity metric**

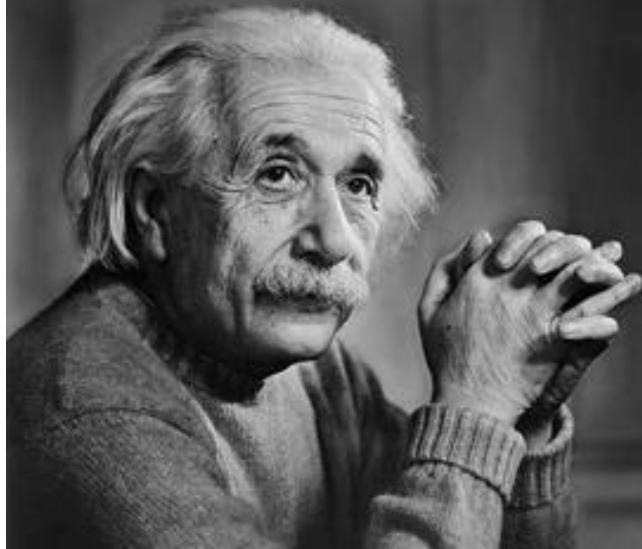
**data temperature**

## **Physical Science**

**“Education is not the learning of facts,  
but the training of the mind to think”**

If you can't explain it **simply**, you  
don't understand it well enough.

– Albert Einstein



**I have no  
special  
talents.**

***I am only  
passionately  
curious.***