

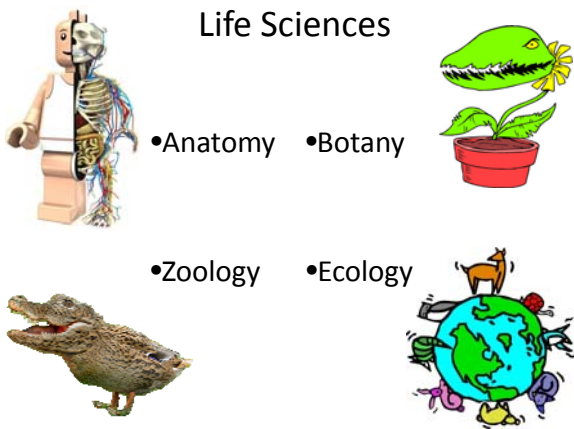
### What is Science?

- Finding out how everything works
- Science is performed by...
  - Observing
  - Studying
  - Experimenting

### Branches of Science

- Natural Science
  - Life Science
  - Physical Science (Mostly this class)
  - Earth Science
- Social Science
  - How people work (Psychology, etc)

### Life Sciences



- Anatomy
- Botany
- Zoology
- Ecology

### Life Sciences

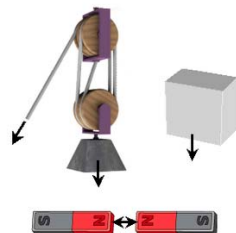
- Anatomy – Studies the parts of living things
- Botany – Studies plant life
- Zoology – Studies the animal kingdom
- Ecology – Studies relation of life and its environment

### Physical Sciences

#### Chemistry



#### Physics

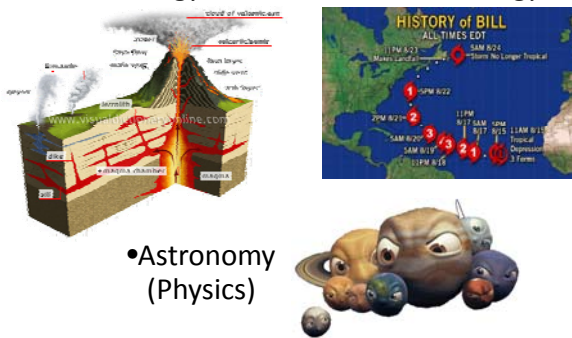


### Physical Sciences

- Chemistry – Studies matter and its changes
  - Physics – Studies interaction of matter and energy
- The physical sciences predict the cause and effects of everyday objects

### Earth Sciences

- **Geology**
- **Meteorology**
- **Astronomy (Physics)**



### Earth Sciences

- Geology – Studies formations of the Earth
- Meteorology– Studies weather patterns
- Astronomy – Studies outer space

### Science and Technology Work Together

- **Pure Science**
  - Continuing search for scientific knowledge
  - Ex. The magnification based on lens shape
- **Technology**
  - Application of science for a purpose
  - Ex. Determine the best lens shape for glasses