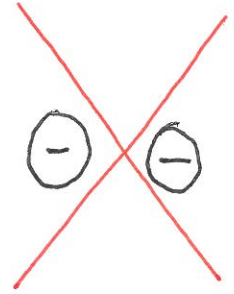
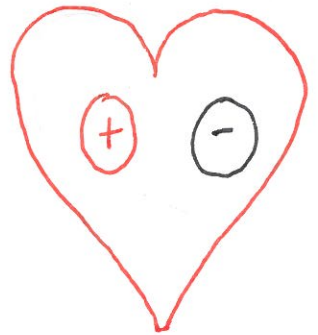


Atom

Uneven Electron to proton Ratio  
 + 1 more electron  
 - 1 Less Electron



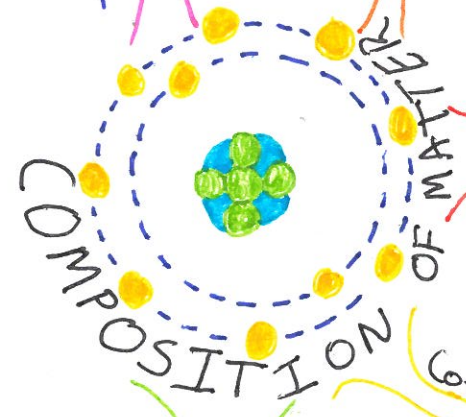
Structure

Nucleus Core  
 Proton  
 Neutron

Shell  
 Valence  
 Like Repel  
 Unlike Attract

Electrons  
 Fill #  
 1 moves Easy

Law



Ions

What?

Mass → Space  
 Energy → Heat  
 All matter has

COMPOSITION OF MATTER

Matter

States

- Solid
- Liquid
- Gas
- Plasma

Properties

Chemical: Act w/ Other Substances

Physical: Touch, Sight, Taste, Smell, Hearing

Composition

Atom

1 type → Element

2 or More → Compound

Molecule

Small → Part

Atoms

100+ Types

