

Bio 1
Basic Chemistry 1

- All living and nonliving things are composed of **atoms**.
- Basic structure of an atom (terms: nucleus, proton, neutron, electron)
- Electron energy levels
 - Atomic number
- Electron diagram
 - Example: Carbon (C)
 - Example: Phosphorous (P)
- atom element compound
- Chemical bonds
 1. Ionic bond
 - Example: Sodium Chloride (NaCl)
 2. Covalent bond
 - Example: O₂ and H₂O
- Relate the following: solvent, solute, solution
- Water and acids/bases (terms: dissociation, hydroxide)
 - What is an acid?
 - What is a base?
- pH scale