



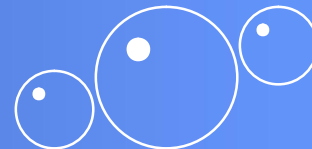
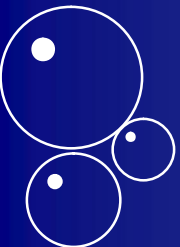
# CHEMISTRY OF LIFE

## NATURE OF MATTER



# MATTER IS MADE OF ATOMS

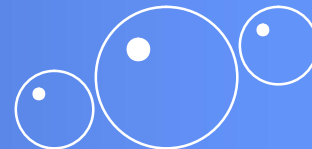
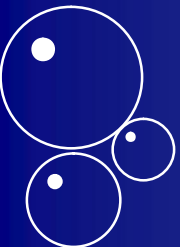
- Atoms
  - You explain
- Elements
  - Simplest pure substances
  - Only 1 kind of atom
  - Examples
  - Isotopes





# Atoms Bond Together

- Compound
  - 2 or more atoms bonded together
- Covalent bonds
  - 2 or more atoms share  $e^-$
  - Forms a molecule
  - Name a few
- Hydrogen bonds
  - Charged molecules
  - Polar and Nonpolar molecules





# Bonding Cont.

- Ionic Bonds

- Ions

- Atoms that have gained or lost e-

- Oppositely charge ions attract

- Example

