Matter

- Pure substances
  - Properties/composition **ARE constant**
  - Chemical changes
    - Examples: H₂O, NaCl, C₆H₁₂O₆, CH₃CH₂OH

- Mixtures
  - Properties/composition **NOT constant**
  - Physical changes
    - Homogeneous examples: air, salt water, 14 kt gold
    - Heterogeneous examples: concrete (cement, gravel, water), salsa

- Elements
  - Examples: Cu, Zn, O₂, I₂