

# Matter and Its Properties

Matter	<i>something that has mass and takes up space</i>
Element	<i>a pure substance that can't be broken down into simpler substances. Made of one type of atom</i>
Atom	<i>smallest unit of an element that keeps its chemical identity of that element (that BEHAVES like that element)</i>
Compound	<i>a substance that can be broken down into simpler substances. Made from 2 or more types of elements that are chemically bonded</i>

# Mixtures:

- Heterogeneous
  - NOT UNIFORM
  - Oil and vinegar
  - Dirt
  - Minestrone Soup
- Homogeneous
  - UNIFORM throughout
  - Salt water
  - Tomato soup