# **A Mixture Hierarchy Example**

* **Mixture** – consists of two or more substances that have been mixed together, but remain chemically separate
* **Heterogeneous** **Mixture** – a mixture in which the composition **is not** uniform throughout
* **Homogeneous** **Mixture** – a mixture in which the composition **is** uniform throughout
* **Suspension** – a heterogeneous mixture in which the particles of a substance separate from a liquid or a gas slowly
  + Real-world examples: mud puddle and pebbles in water
* **Colloid** – a material made of tiny particles of once substance that are distributed, but not dissolved, in another substances
  + Real-world examples: whipped cream and jelly
* **Solution** – a specific type of homogeneous mixture where one substance dissolves into another; particles in a solution cannot be filtered out
  + Real-world examples: chocolate milk and tea with sugar