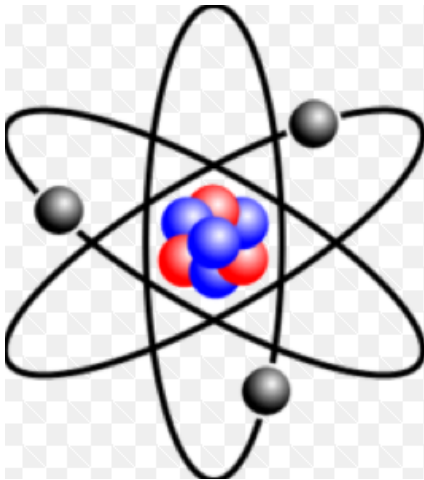
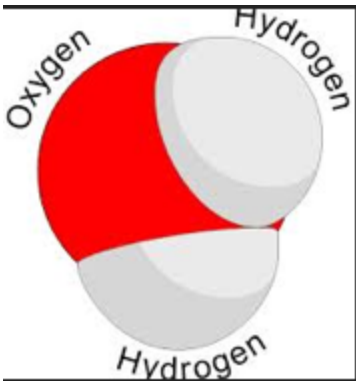

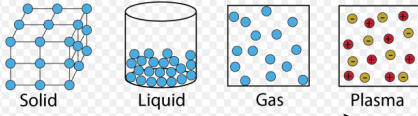

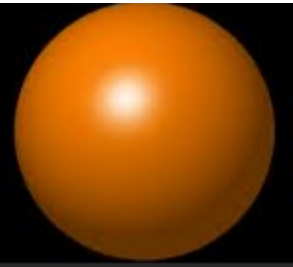


Basic Chemistry Word Sort

Word	Definition	Picture
Atom	The smallest particle of an element.	
Compound	A substance formed by the combination of two or more elements.	Ex. Water (H ₂ O) or Carbon Dioxide (CO ₂)

<p>Solute</p>	<p>A substance that is dissolved in a solvent to make a solution</p>	<p>The sugar that is added to make lemonade</p>
<p>Solvent</p>	<p>A substance that dissolves a solute to make a solution</p>	<p>The water in lemonade</p>
<p>Molecule</p>	<p>The smallest unit of a compound</p>	 <p>A ball-and-stick model of a water molecule (H₂O). It consists of one large red sphere representing an oxygen atom and two smaller white spheres representing hydrogen atoms. The oxygen atom is at the top, and the two hydrogen atoms are positioned below it, one to the left and one to the right, forming a bent shape. The word "Oxygen" is written next to the red sphere, and the word "Hydrogen" is written next to each of the white spheres.</p>

<p>Element</p>	<p>A pure chemical substance made of a specific type of atom.</p>	
<p>Matter</p>	<p>Anything that is made of atoms and has mass.</p>	
<p>Ion</p>	<p>An atom or molecule that has an electrical charge.</p>	<p>Na⁺ or Cl⁻</p>
<p>Anion</p>	<p>An atom or molecule that has a negative charge</p>	<p>OH⁻</p>

Cation	An atom or molecule that has a positive charge	H^+
Protons	The positively charged subatomic particles found in the nucleus of an atom	
Neutrons	The neutrally charged subatomic particles found in the nucleus of an atom	

Electrons

The negatively charged subatomic particles that orbit around the nucleus of an atom.

