1. Know some clues to chemical reaction – Gas formation, Solid formation, Color change, Energy change (light is formed, heat is absorbed or given off)
2. Know how new substances are formed – In a chemical reaction new substances are formed because chemical bonds in the starting substances break, atoms rearrange, and new bonds form to make the new substance
3. Know the difference between an exothermic reaction and an endothermic reaction
   1. Exothermic - energy is released: glow sticks, fire, or batteries
   2. Endothermic - energy is absorbed example: cold pack
4. Be able to pick out a physical property on a multiple choice question
5. Be able to pick out a chemical property on a multiple choice question
6. Be able to tell the difference between a chemical change and a physical change