

Chapter 21 – Chemical Reactions

I Can Statements

I can...

1. identify the symbols *s*, *l*, *g*, and *aq* in a chemical equation.
2. distinguish between reactants and products in a chemical formula.
3. balance a chemical equation.
4. identify a synthesis reaction.
5. identify an analysis reaction.
6. identify a single replacement reaction.
7. identify a double replacement reaction.
8. identify a combustion reaction.
9. know how balancing the chemical reaction relates to the law of conservation of mass.
10. differentiate between an endothermic and exothermic reaction.
11. define a catalyst.
12. define an inhibitor.