**Reactions of Our Lives Notes**  Last Name, First Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_ Period: \_\_\_

|  |  |
| --- | --- |
| **Topic** | Conservation of Matter and Stoichiometry |
| **Benchmark**[**SC.CH.5.4**](http://165.248.72.55/hcpsv3/imr/report_by_code.jsp?code=SC.CH.5.4) | Write balanced equations to describe chemical reactions |
| **Sample Performance Assessment (SPA)** | The student: Writes and balances chemical equations to represent synthesis, decomposition, single replacement, and double replacement reactions. |

Standard:

Essential Questions:

1. What are the 3 parts of a chemical equation? (Must list all descriptors)

2. What are the five types of chemical reactions?

3. What is one type of chemical reaction that occurs in real life? (not given in one of the 5 types examples). Describe it and classify it as a type of reaction.

Thinking Side Main Notes Side

What is a chemical

reaction?

What is a chemical Chemical equations are used to describe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

equation? Chemical equations have 3 parts.

1.

2.

3.

Types of Reactions:

1.

2.

3.

4.

5.

Summary: