

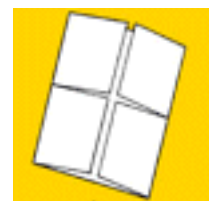
Chemical Reactions Foldable

Name _____ Hour _____

Objective: To display and demonstrate the Four Types of Chemical Reactions.

Project instructions:

1. Using a 11 x 17" paper, make a shutter fold.
2. Fold the shutter fold in half like a hamburger.
3. Open the project and cut along the two inside valley folds.
4. These cuts will form four doors on the inside of the project.
5. Each door will contain a different chemical reaction in **large letters** with one **COLORED** picture apiece.
6. Underneath each door, write the definition of the chemical reaction.
7. Using AB p. 10 & 11, do four formula examples of each type of reaction
Example: Synthesis Reaction: $\text{Na} + \text{Cl} \rightarrow \text{NaCl}$
8. Research and find WORD examples and explanations of each type of reaction.



Example: Decomposition Reaction $\text{H}_2\text{O}_2 \rightarrow \text{H}_2 + \text{O}_2$ Hydrogen Peroxide breaks down into Hydrogen Gas and Oxygen Gas
Examples in #8 must be DIFFERENT than #7

Chemical Reactions Foldable Rubric

Name _____ Hour _____

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|---|-------|-------|
| 1. Correct fold and layout | _____ | 10pts |
| 2. Titles and colored pictures on front doors | _____ | 10pts |
| 3. Definition for each reaction | _____ | 20pts |
| 4. Four examples of formulas for EACH reaction (16 total) | _____ | 20pts |
| 5. Two real life word examples and explanations for EACH reaction (8 total) | _____ | 20pts |

TOTAL _____ 80pts