**Chemical Reaction Project**

**Goal:**

Your goal is to create a demonstration for the class that accurately demonstrates one of the five basic types of chemical reactions – synthesis, decomposition, combustion, single replacement, and double replacement.

The challenge is to:

1. Find a valid chemical reaction.
2. Perform a test to insure that it follows the reaction type
3. Demonstrate the experiment and teach what is occurring and why.
4. Use video and photographic data collection to prepare a multimedia presentation for the reaction.

**Product and Purpose:**

You need to develop a demonstration/presentation so that your audience can vividly see the process that is occurring and the products that remain.

**Product Examples:**

1. Automated PowerPoint presentation with movie and photographic evidence of data.
2. Movie presentation with creative narration.
3. A poster that includes pictures and text description of your information.

**Keep chemistry lab safety in mind!!!**