Types of Chemical Reactions

Target: Today I will be able to identify the five types of chemical reactions, and be able to classify a chemical reaction as one of the five. **Pg. 99**

Balancing Equations Using Models, **Pg. 100**

- For each of the following reactions, record the mass of the reactants and the mass of the products.
- USE THE SAME BALLS, and don't include the sticks.
- Draw a table

- Work with your lab partner(s)

Table, **Pg. 100**

$2H_2(g) + O_2(g) \rightarrow 2H_2O(l)$		
	Reactants	Products
Mass:		
Drawing:		
$N_2(g) + 3H_2(g) \rightarrow 2NH_3(g)$		
	Reactants	Products
Mass:		
Drawing:		
$CH_4(g) + 2O_2(g) \rightarrow CO_2(g) + 2H_2O(l)$		
	Reactants	Products
Mass:		
Drawing:		

Homework

- Finish “Bag of Reaction” Lab – answer all questions in complete sentences and LEGIBLY

- HW: Read pp. 276-284
- Create a flowchart that organizes the similarities and differences between the five types of chemical reactions. This will serve as your study guide for assigning a chemical reaction to one or more reaction category. **Pg. 98**
- **Due Thursday, 1/16**
- Note time spent in your study log.