

# Chemistry CP

Name: \_\_\_\_\_

Homework: Chemical Equations and Reactions

Section: \_\_\_\_\_

Assignment	Due Date
1. Google classroom assignment (Chembalancer)	Wednesday, 11/9
2. read pp. 230-231, complete p. 231 # 1-3	Thursday, 11/10
3. Handout on classifying and balancing reactions	Monday, 11/14
4. Complete p. 291 #54, 55	Tuesday, 11/15
5. Complete p. 248 #1-8	Wednesday, 11/16
6. Study for quiz on classifying and balancing chemical equations	Thursday, 11/17
7. Complete p. 287 #10, 11	Monday 11/21
8. Complete double displacement minilab	Wednesday, 11/30
9. Study for quiz on solubility table & activity series	Friday, 12/2

## Dates to Remember:

Quiz on balancing & classifying reactions Monday 11/14

Quiz on using solubility table & activity series Friday 12/2

## Some Useful Websites:

[http://www.mpcfaculty.net/mark\\_bishop/balancing\\_equations\\_tutorial.htm](http://www.mpcfaculty.net/mark_bishop/balancing_equations_tutorial.htm) uses Flash

<http://funbasedlearning.com/chemistry/chemBalancer2/default.htm>

<http://antoine.frostburg.edu/chem/senese/101/reactions/symptoms.shtml> evidence of reaction

<https://chemfiesta.org/2015/09/08/the-six-types-of-reaction/>

<http://antoine.frostburg.edu/chem/senese/101/redox/faq/activity-series.shtml> using the activity series

<http://www.sciencegeek.net/Chemistry/taters/directory.shtml> Several of the unit 4 review activities apply

<http://www.sciencegeek.net/Chemistry/taters/EquationIdentification.htm> classes of reactions

<http://www.sciencegeek.net/Chemistry/taters/EquationPredictions.htm> online practice

<http://www.sciencegeek.net/Chemistry/taters/EquationBalancing.htm> online practice

<http://www.wisc-online.com/Objects/ViewObject.aspx?ID=GCH7904> Common types of redox reactions

<http://www.wisc-online.com/Objects/ViewObject.aspx?ID=GCH1404> Double displacement reactions

## After studying chapters 7 & 8, you should be able to:

- List indirect evidence that a reaction has occurred.
- Identify the reactants and products in a chemical reaction.
- Rewrite a chemical equation from a description of a chemical reaction using appropriate symbols and formulas.
- Demonstrate the ability to write and balance chemical reactions when given the names or formulas of all reactants and products.
- Classify a reaction as synthesis, decomposition, single replacement, double displacement, or combustion.
- Classify a reaction as redox or non-redox.
- Predict the products of simple reactions given the reactants.
- Use the activity series of metals to predict whether a given reaction will occur and to predict the products of single replacement reactions.
- Use solubility tables to predict precipitant formation in double displacement reactions

You still need to be able to write chemical names and formulas!