

AP Chemistry  
Reactions

January 5, 2010

This unit rather than focus on a specific chapter in the book we will focus on a specific question on the free response section of the AP Chemistry Exam.

Reaction types:

	Double Replacement Simple REDOX Non-Simple REDOX	Hydrolysis Reactions Complex Ion Reactions Organic Reactions
Day 1	Tues	Discuss format of the question Double replacement reactions Single replacement reactions Combustion reactions Synthesis/Decomposition reactions
Day 2	Wed	Hydrolysis reactions Non-Simple Redox reactions
Day 3	Thurs	Transition Metal Complex Organic Chemistry reactions
Day 4	Fri	Worksheet 12 a Classwork Worksheet 12b Homework
Day 5	Mon	Worksheet 12c Classwork Worksheet 12d Homework
Day 6	Tues	Lab-Thermodynamics
Day 7	Wed	Practice Test
Day 8	Thurs	Practice Test or Lab
Day 9	Fri	Test

ALL students should:

- Be able to write and balance net ionic equations for Double Replacement Reactions
- Be able to write and balance net ionic equations for Simple REDOX Reactions
- Be able to write and balance net ionic equations for Non-Simple REDOX Reactions
- Be able to write and balance net ionic equations for Hydrolysis Reactions
- Be able to write and balance net ionic equations for Complex Ion (Transition Metal) Reactions
- Be able to write and balance net ionic equations for Organic Reactions
- Be able to answer simple questions associated with the transition complex rxns.