

HONORS CHEMISTRY 2 - LESSON PLANS

<u>Date</u>	<u>Lesson</u>	<u>Assignment</u>
Monday 3/19/18	<u>Review</u> : Chapter 15 Material Discuss Chapter 15 Test	Ch. 15 Review Worksheet
Tuesday 3/20/18	<u>Chapter 15 Extra Credit (5)</u> <u>Chapter 15 Test (100)</u>	16.1 & 16.2 Book Problems: ➤ (1-7,12-17, 51-57, 75,77-80)
Wednesday 3/21/18	<u>Lecture</u> : 16.1 <ul style="list-style-type: none"> - Potential vs. Kinetic Energy - Measuring Heat Flow - Specific Heat & Heat Capacity 	Measuring Heat Flow
Thursday 3/22/18	<u>Lecture</u> : 16.2 <ul style="list-style-type: none"> - Calorimetry & Enthalpy - Exothermic vs. Endothermic 	One vs. Two System Problems
Friday 3/23/18	<u>Quiz 16.2 (10)</u> <u>Lecture</u> : 16.3 <ul style="list-style-type: none"> - Thermochemical Equations 	SG 16.1 & 16.2

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Monday 3/26/18	<u>Pre Lab</u> : Calorimetry	Finish Pre Lab: Due Wednesday 3/28
Tuesday 3/27/18	<p style="text-align: center;"><u>Bubbling Homeroom: 47 minute classes</u></p> <u>Lecture</u> : 16.3 <ul style="list-style-type: none"> - Changes of State - Phase Change problems 	Thermochemical Equations
Wednesday 3/28/18	<u>Lab Activity: Calorimetry (40)</u>	Lab Report Due: Thursday 3/29
Thursday 3/29/18	<p style="text-align: center;"><u>Half Day 25 Minute Classes: Spring Break at End of Day</u></p> Ice Cream Lab	16.3 Book Problems: ➤ (20-25,58-60,82-86)
Friday 3/30/18	<u>No School: Spring Break</u>	

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Monday 4/9/18	<u>Lecture:</u> 16.4 - Hess's Law - Standard Enthalpies of Formation	Hess's Law Worksheet Study Guide 16.4
Tuesday 4/10/18	<u>SAT & PSAT: (Hours 1 & 2 only)</u>	
Wednesday 4/11/18	<u>Work Keys & PSAT: (Hours 3-6 only)</u> No school for sophomores	
Thursday 4/12/18	<u>Quiz 16.3 (10)</u> <u>Lecture:</u> 16.5 - Reaction Spontaneity - Enthalpy vs. Entropy	SG 16.3 & 16.5 16.4 Book Problems: - (28-31,88-89)
Friday 4/13/18	<i>Pass back and go over 16.3 Quiz</i> <u>Lecture:</u> - Reaction Scenarios - Gibb's Free Energy	Gibbs Free Energy 16.5 Book Problems: ➤ (38-39,63-74,90-91)

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<u>Date</u>	<u>Lesson</u>	<u>Assignment</u>
Monday 4/16/18	<u>Review</u> : Ch. 16 & Discuss Test	Chapter 16 Review Reviewing Vocabulary
Tuesday 4/17/18	<u>Chapter 16 Extra Credit (5)</u> <u>Chapter 16 Test (100)</u>	Study Guide 17.1 Read Chapter 17 & 18
Wednesday 4/18/18	<u>Lecture</u> : 17.1 <ul style="list-style-type: none"> - Reaction Rates & Collision Theory - Activation Energy 	Average Reaction Rates Activation Energy Worksheet 17.1 Book Problems: ➤ (1-10,33-39,62-66)
Thursday 4/19/18	<u>Lecture</u> : 17.2 <ul style="list-style-type: none"> - Factors affecting Reaction Rates - Catalyzed vs. Uncatalyzed Reactions 	Factors Affecting Reaction Rates SG 17.2 17.2 Book Problems: - (11-14,41-49,67)
Friday 4/20/18	<u>Lecture</u> : 18.1 <ul style="list-style-type: none"> - Reversible Reactions - Chemical Equilibrium - Calculations at Equilibrium 	Equilibrium Calculations Study Guide 18.1 18.1 & 18.3 Book Problems: - (1-9,16,27-30,33-36,52-56,65-66)