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|  | AP Chemistry | Honors Chemistry |
| Monday | 1. Quiz Euillibrium I
2. Notes **AP Chem Solutions - Unit 5 Equilibrium**
3. Discussion Equilibrium II
	1. **The Reaction Quotient (Q) –slides #1-5**
	2. **La Chatelier’s Principle –slides # 6 -21**
	3. Manipulating Keq and Q
4. HW: Complete Equilibrium II Worksheet: Complete Questions #1-9
5. Handouts 🡪 Equilibrium II Notes & Equilibrium II Worksheet
 | 1. Grade Balancing Equations Worksheet #3

Objectives – Describe the 5 general types of equations1. Start Notes 11-2 Types of Chemical reactions up to double replacements
 |
| Tuesday | Review Quiz ResultsReview HW: #1-31. Discussion Equilibrium II
	1. The Reaction Quotient (Q)
	2. La Chatelier’s Principle –slides # 6 -21
	3. **Manipulating Keq and Q**
2. HW: Complete Equilibrium II Worksheet: Complete Questions #10-24
 | 1. Finish notes 11.2 Chemical Reaction types
2. Complete Worksheets 11.2 Review & Practice problems
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| Wednesday | Review HW: #4-181. Discussion Equilibrium II
	1. The Reaction Quotient (Q)
	2. La Chatelier’s Principle
	3. **Manipulating Keq and Q**
2. HW: Complete Equilibrium II Worksheet: Complete Questions #19-24
3. Lab 12 – ***Chemical Equilibrium*** from Pasco.
	1. Complete Pre-lab – Getting your brain in gear.
 | Objective – Students complete 6 different chemical reactions, predict the products of each reaction, then write & write the chemical equation for each type of a chemical reaction1. Lab: Reaction types
2. Set up 6 Stations

Complete Lab sheets. |
| Thursday | 1. Lab 12 – ***Chemical Equilibrium*** from Pasco.
	1. **Model 1 –*Kc as a Constant.***
		1. **Complete all Analyzing Module I questions at home (#12-18.)**
	2. **~~Model 2 –~~ *~~Adding Stress to an Equilibrium System~~***
		1. **~~Complete all Analyzing Module II questions at home (#10-22.)~~**
 | 1. **Complete Quiz 11.1-2 Chemical Equations & Stoichiometry.**
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| Friday | 1. Review Lab 12 questions for Module 1 & 2
2. Lab 12 – ***Chemical Equilibrium*** from Pasco.
	1. Discuss ResultsModel 1 –*Kc as a Constant.*
	2. **Module 2 – *Adding Stress to an Equilibrium System (Demonstration)***
		1. **Complete all Analyzing Module II questions at home (#10-22.)**
	3. **Model 3 – Endothermic or Exothermic (Demonstration)**
3. **Quiz on Tuesday**
 | 1. Review Lab Results Reaction Types from Wednesday
	1. Hand in Lab Sheets
2. Double Replacement Lab
	1. Write out 12 Double Replacement Equations.
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|  | * What are we learning? Chemical Equilibrium
* Why are we learning this? One of the 5 big ideas in AP Chemistry
* How will we know when we have learned this? By successfully complete HW and exams.
 | * What are we learning? Types of Chemical Reactions
* Why are we learning this? So TLW have a basic understanding of the types of chemical reactions and there relationship to chemistry processes.
* How will we know when we have learned this? By successfully complete HW and exams.
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