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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 equations   1. Start Notes 11-2 Types of Chemical reactions up to double replacements |
| Tuesday | Review Quiz Results  Review HW: #1-3   1. 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 |
| Wednesday | Review HW: #4-18   1. 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 reaction   1. 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.** |
| 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. |
|  | * 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. |