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|  | AP Chemistry | Honors Chemistry |
| Monday | * Review Electrochemistry Exam results * Complete AP Chem Exam Electrochemistry Problems | 1. Finish Quiz 12.2 – 19 Questions (students who need to) 2. Start Notes ***12.3 LIMITING REAGENT AND PERCENT YIELD*** |
| Tuesday | * Start Notes Unit 10 Acids & Bases (slides #1-26)   + Defining Acids & bases   + Conjugate pairs   + The strengths of acids & bases   + On-line <http://wwnorton.com/college/chemistry/chemistry3/ch/17/chemtours.aspx> * Handouts   + Acid-Base I Notes   + Acid-Base I Worksheet   HW: Complete Problems 1 -8 | 1. Grade 12-2 Review & Reinforcement. (P-H) 2. Finish Notes ***12.3 LIMITING REAGENT AND PERCENT YIELD*** 3. Start Section 12.3 Practice Problems (12.3) (P-H) |
| Wednesday | * Review/Grade HW - Acid-Base I Worksheet Problems 1 -8 * Cont. Notes Unit 10 Acids & Bases (slides #27-43)   + Auto-ionization of Water   + pH strengths of acids   + pOH strengths of bases | 1. Complete Lab: SSL Analysis of NaHCO3 2. Finish Section 12.3 Practice Problems (12.3) (P-H) |
| Thursday | * Finish up notes Unit 10 Acids & Bases (slides #27-43)   + Auto-ionization of Water   + pH strengths of acids   + pOH strengths of bases   HW : Complete Problems 9-18HW : Complete Problems 9-18 | 1. Grade/ Section 12.3 Practice Problems (12.3) 2. Complete Chapter 12 Review |
| Friday | Notes & Discussion Acid Base II (slides #1-21)   * + pH of Strong Acids and Bases   + Ka and Kb   + pH of Weak Acids and Bases   + Polyprotic Acids * HW: 1 through 23 | 1. Lab: Limiting Reagent 2. Grade Chapter 12 Review 3. HW: Finish Limiting Reagent lab problems |
|  | * What are we learning? Acid Base Basics including conjugate pairs, strength of acids and bases, pH and pOH calculations * Why are we learning this? AP Big Idea #3 * How will we know when we have learned this? Successful exam scores | * What are we learning? Percent composition calculations * Why are we learning this? In order to make calculations related to the stoichiometry of chemical reactions * How will we know when we have learned this? When students can successfully complete these problems |