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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
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| 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
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|  | * 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
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