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|  | AP Chemistry | Honors Chemistry |
| Monday | Complete notes Electrochem I   * Voltaic (Galvanic Cells) * Voltage * Standard Reduction Potential * Standard Cell Potentials   HW: Complete Electrochem worksheet I problems # 3-10 | Review/Hand-in Lab Results 11.3 Reactivity of metals in single replacement reactions (P-H)   1. Notes 12.1    1. HW - Complete 12.1 Section Review & practice problems |
| Tuesday | Grade Review Electrochem worksheet I problems  Start notes Electrochem II (slides # 1 -24)   * **Thermodynamically Favored Redox Reactions** * **Gibbs Free Energy** * **Concentration Cells** * Electrolytic Cells   HW: Electrochem Worksheet II - # 1-2 | 1. Grade/Review Section 12.1 Worksheets 2. Notes 12.2 Chemical Calculations 3. HW: 12.2 Review & Practice problems (Pearson) |
| Wednesday | Review Electrochem worksheet I problems # 1-2  Complete Notes Electrochem II   * Thermodynamically Favored Redox Reactions * Gibbs Free Energy * Concentration Cells * **Electrolytic Cells**   HW: Electrochem Worksheet II - # 3-17 | 1. Grade Section 12.2 Review 2. Complete Practice Problems 12.2 (P-H) |
| Thursday | Review Electrochem Worksheet II - # 3-17  Complete Electro Chemistry Practice Exam | 1. Grade - 12.2 Practice problems (P-H) 2. Complete 12.2 worksheets (Pearson) |
| Friday | Hand in Electro Chemistry Practice Exam  ***Electro Chemistry Exam*** | 1. Grade 12.2 Worksheets 2. Quiz 12.2 –Stoichiometry Problems |
|  | What are we learning?   * **Electrochemistry**   Why are we learning this?   * **One of the 5 big Ideas in AP Chemistry**.   How will we know when we have learned this?   * **Successful completion of exams, worksheets, quizzes and labs** | What are we learning?   * **Stoichiometry Interpret & calculating balanced chemical equations in terms of interacting moles, masses and gas volumes at STP.**   Why are we learning this?   * **This is a key component** **of our second semester chemistry units**   How will we know when we have learned this?   * **Successful completion of exams, worksheets, quizzes and labs** |