|  |  |  |
| --- | --- | --- |
|  | 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 problemsStart 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 # 1-2Complete 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 - # 3-17Complete 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**
 |