**Chemistry II – AP Spring 2017**

**Tentative Schedule: 2/27/2017 – 5/1/2017**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | | **Classwork** | **Homework** |
| 2/27 | M | **Lab – Validation of the Common Ion Effect**  Collect Data from Experimental Design | Begin Common Ion Lab Report  Begin Electrochemistry Reading |
| 2/28 | T | No Class – ACT Testing | WebAssign: Limited Solubility |
| 3/1 | W | **CMS Early Release Day**  Quiz – Limited Solubility  Grade A-B Part I FR/ Gas Equil Test / Acid-Base Part I | Complete Ksp Problem Sets |
| 3/2 | H | Review for Acid-Base Part II Test  Prepare salt bridges for Electrochemical Cells lab | Prepare for Acid-Base Part II Test |
| 3/3 | F | **Test – Acid-Base Part II** | Video: Electrochemical Cells |
| 3/6 | M | Electrochemical Cells Lab (Day 1) | Video: Electromotive Force |
| 3/7 | T | Electrochemical Cells Lab (Day 2) | Video: Electrothermodynamics |
| 3/8 | W | Discuss connections between Thermo & Electro  Electrochemistry work-day: PS #1 (no #9 or #10) | Video: Electrolysis |
| 3/9 | H | Lab – Corrosion of Iron | Prepare for Test |
| 3/10 | F | **Test – Limited Solubility (Ksp)** | Video: Appl. of Electrochemistry  Prepare for Quiz |
| 3/13 | M | Discuss Apps of Thermo / Cond. of Cathodic Protection  **Quiz** – Electrochemistry: Voltaic Cells | Prepare for Quiz  Start Echem Practice Test #1 |
| 3/14 | T | **Quiz** – Electrolysis  Electrochemistry Practice Test #2 |  |
| 3/15 | W | Lab – Electrolysis of Potassium Iodide |  |
| 3/16 | H | Review Echem Quizzes  Review Concepts: Atomic & Quantum (MS & PES) | Prepare for Test |
| 3/17 | F | **Test – Electrochemistry** |  |
| 3/20 | M | Grade Echem FR / Discuss Green Crystal Lab  Review Concepts: Bonding/IMF & Gas Laws  *Pass out AP Exam Review Handout* |  |
| 3/21 | T | Green Crystal Day #1  Review Concepts: SOM / Thermo (during heating)  *Turn-in Electrolysis of Potassium Iodide Lab* |  |
| 3/22 | W | Green Crystal Day #2  Review Concepts: Chemical Reactions (with Redox) |  |
| 3/23 | H | Green Crystal Day #3 | Start AP Exam Review Guide  (2 pages a night) |
| 3/24 | F | Green Crystal Day #4 |  |
| **Date** | | **Classwork** | **Homework** |
| 3/27 | M | Green Crystal Day #5 |  |
| 3/28 | T | Green Crystal Day #6 |  |
| 3/29 | W | Green Crystal Day #7 |  |
| 3/30 | H | Green Crystal Day #8 |  |
| 3/31 | F | **No School – Teacher Workday** |  |
| 4/3 | M | Green Crystal Day #9 |  |
| 4/4 | T | Practice AP Exam #1 – Multiple Choice (Calc. allowed) |  |
| 4/5 | W | Practice AP Exam #1 – Free Response |  |
| 4/6 | H | Grade Free Response #1  Discuss Multiple Choice  Clean-up lab |  |
| 4/7 | F | **No School – Teacher Workday** |  |
| **Spring Break!** | | Spring Break! | **Spring Break!** |
| 4/17 | M | Review Topic: Thermo. / Kinetics / General Equilibrium |  |
| 4/18 | T | Practice AP Exam #2 – Multiple Choice (No Calc) |  |
| 4/19 | W | Practice AP Exam #2 – Free Response |  |
| 4/20 | H | Grade FR #2  Discuss Multiple Choice |  |
| 4/21 | F | Review Topic: Ksp / Acid-Base Chemistry |  |
| 4/24 | M | **Test –** Practice AP Exam #3 – Multiple Choice (No Calc) |  |
| 4/25 | T | **Test --** Practice AP Exam #3 – Free Response |  |
| 4/26 | W | **CMS Early Release Day**  Grade FR #3  Discuss MC #3 |  |
| 4/27 | H | General AP Review Day | Class Field Trip to CPCC Harper Campus |
| 4/28 | F | General AP Review Day | Get a good night’s rest! |
| 5/1 | M | **AP Exam Day**  CPCC Harper Campus  Arrive at 7:30 am |  |