

AP Chemistry

Electrochemistry Assignment Sheet

Date	In Class	Assignment
1/13	Titration lab day 2	Read/highlight chapter 20 outline Work on titration lab report
1/14	Review: Balancing redox reactions in acidic or basic conditions Parts of voltaic cells	Webcast: Voltaic Cells Work on titration lab report
1/15 Long F	Parts of voltaic cells E_{cell} calculations	Webcast: Nernst Equation Work on science fair PR
1/16	E_{cell} and ΔG Introduce the Nernst equation	Complete text problems 20.2-20.5, 20.21 Read article about reference electrodes
1/17 long A	Organic Friday: Carboxylic acids Nernst equation wrapup Start chapter 20 problem set	Webcast: Free Energy and Redox Reactions Work on CALM Finish science fair PR
1/22	Science Fair PR due (submit in Google Classroom) Electrolysis reactions	Pre-lab assignment for Voltaic Cells lab Webcast: Quantitative Electrolysis Work on titration formal lab report
1/23	Voltaic Cells Lab	CALM problem set Finish titration formal lab report
1/24 Long F	*Titration Lab due* Organic Friday: Esters Electrodeposition problems	Study for voltaic cells quiz CALM
1/27	Quiz: Voltaic Cells Chapter 20 problem set	Finish voltaic cells minilab CALM
1/28 Long A	Voltaic Cells Minilab due Chapter 20 problem set	Pre-lab assignment: Electrolytic Cells Study for electrodeposition quiz
1/29	Quiz: Electrodeposition problems Electrolytic Cells Guided Inquiry Minilab	Complete CALM assignment by 1/30 at 9 pm Make Chapter 20 summary card
1/30	Chapter 20 MCQ practice Ch. 20 Problem Set	Complete AP Classroom assignment <i>before class on 1/31</i>
1/31	Chapter 20 wrapup/review	Study for chapter 20 test
2/3	Electrochemistry Test	Finish electrolytic cell minilab
2/4	Electrolytic cell minilab due Return to atomic structure	Read/highlight chapter 6 outline

Term 2 ends Friday 1/24