Unit 4: Thermochemistry & Thermodynamics

Chapters 6 & 17

Day	Date	Topic	Homework
4.1	11/23	• Chapter 6.1-6.3 • Citric Acid + Baking Soda Activity • Enthalpy • Calorimetry • Hess' Law	• Pg. 287 Ch. 6 Exercises #43, 45, 61, 63, 71 & 73
4.2	11/25 (half day)	• Chapter 6.4-6.6 • Standard Enthalpies of Formation • Bond E • Heating Curves	• Happy Thanksgiving!
4.3	12/1	• **Lab 5: Calorimetry**	• Pg. 289 Ch. 6 Exercises #79, 81 (a only) & 83 • Post-Lab
4.4	12/3	• **Lab Quiz: Calorimetry** • Chapter 17.1-17.7 • Entropy • Free Energy	• Pg. 824 Ch. 17 Exercises #33, 41, 43, 45, 47, 53, 57 & 61 • OWL Ch. 6 Due 12/6 by 11:55 pm
4.5	12/7	• Chapter 17.8-17.9 • Entropy • Free Energy • Electro and Equilibrium Connection	• Pg. 826 Ch. 17 Exercises #69, 71 & 75 • OWL Ch. 17 Due 12/10 by 11:55 pm
4.6	12/9	• Review	• OWL Ch. 17 Due 12/10 by 11:55 pm • Study Guide
4.7	12/11	• **Unit 4 Test**	• Read & Outline Ch. 12

OWL Due Dates:

12/6 – Ch. 6 Mastery

12/10 – Ch. 17 Mastery

Lab Dress Code – Required to wear long pants and closed toed shoes.

Study Sessions – Wednesdays after school or by appointment.