

**Chemistry Themed
Petroleum-As an Energy Source 2016-17**

Date	In-Class Assignment	Homework
F 2/10	TO BURN!!! SECTION B Introduction to Concept of Heat Energy pkt p. 7-12 Demo: Metal vs Plastic Spoons; Dickenson Field vs Soldier Field Specific Heat Capacity Intro $q=mC\Delta T$ Go over 3 Example	Specific Heat Capacity Worksheet pkt p. 13
M 2/13 Late Start Day	Discuss Test Finish $q=mC\Delta T$? Go over pkt p 13	Finish pkt p 14-15 Complete Calorimetry Worksheet #1 pkt p. 16
T 2/14	Go over HW pkt p 14-16 Demo Lab Calculation (bottom of pkt p 12) Complete Prelab pkt p 18	Complete Calorimetry Worksheet #2 pkt p 17 SHOES!!
W 2/15	Specific Heat Capacity Lab pkt p 18-21	Finish Heat Capacity Lab Questions pkt p 18-21
R 2/16	C.2 Endothermic vs Exothermic, pkt p 22-23 Endo vs. Exo Demos	Read C.2 (p 333-336) for clarification
F 2/17	Pkt p 19; Energy Diagrams Work on Energy Diagrams pkt p 25-26 Discuss C.5; Using Heats of Combustion Notes, pkt p 27-28 Discuss Candle Lab → Create Data Table with students on p. 32	Read/Notes C.5 (book p 341-342) for clarification Heat of combustion worksheets, pkt p 29-30 SHOES!!!
M 2/20	No School! President's Day!	
T 2/21	LAB: Combustion of a Candle calculations/conclusion on pkt p 31-32	Finish calculations and questions, p 33
W 2/22	Discuss Candle Lab Review for test	STUDY FOR TEST! Pkt p 34 Summary Questions Part C p 354: #2,3,4,6,9,11ac,12,14,16,24
R 2/23	TEST on Petroleum Part 2	