

Unit 10: Thermodynamics
 Chemistry Traditional, Chapter 10 and some of 14.1 2012
<http://www.hinsdale86.org/staff/kfrost>

Real Life Applications:
 Heat transfer, lake effect, heating homes, running cars and burning candles

**This can be a challenging unit due to all the different subtopics and mathematical applications.
 Set a goal now to keep up and work hard.**

***Your choice to do online activities including flipcards, chapter quizzes, etc. ***
 Worksheet and other books answers at the bottom of this calendar
 answers to Blues and practice problems in back of book and on classzone

Date:	In-Class Assignment	Homework Assignment
M 1/23 Final Advising	Finals Objective(s): vocab for unit Crossword pkt p1 using book (memorize and learn as you do it) Real Life Applications - Mythbusters (43 min) or Hindenburg 18 min?	Bring Books tomorrow Finish pkt p1 – Memorize/Learn the terms tonight!! Bring Books Tomorrow
T 1/24	Objective(s) 1,2,3 Temperature vs. Heat (? 5 Min video clip) Specific Heat p329 (? Demo 5 star conduct.) Calorimetry $Q=sm\Delta T$ Book example (E,water) p328 Students do PP p329, PP p330 solve J only, PP p332	Finish PP as needed Blues p 353 #7,9,23,28,49,53 (Use the specific heat capacity chart on p329 as needed) Confused? Read 10.1-10.2 p326-333
W 1/25 Late Start	ACT prep	
R 1/26	Objective(s):# 4 (1,2,3) Q's on blues Dual Calorimetry Draw picture and do #1 pkt p2 More calorimetry problems pkt p2-3 using chart pkt p 4, check answers as you go	Finish pkt p2-3 using chart pkt p 4** Pre-lab questions pkt p 5 (read p 4 to answer questions) Closed Toe Shoes tomorrow
F 1/27 Pep 1:00-1:25	Objective(s): #(3,4) Q's pkt p 2-3 Go over Pre-lab Specific heat lab pkt p4-7 (with Vernier)	Finish lab pkt p 4-7 Go online and check answers using Magic Calculator and PRINT results