

# AP Chemistry

## Thermochemistry Assignment Sheet

|            |   |   |
|------------|---|---|
| 9/19       | POGIL: Calorimetry  | print Ch. 5 outline & highlight<br>work on % Phosphorus in Plant Food formal lab report     |
| 9/20       | POGIL: Internal Energy & Enthalpy<br>Start chapter 5 problem set  | Prelab assignment for Lab #2  |
| 9/21<br>ER | Lab #2: (Guided Inquiry) <i>Finding the Ratio of Moles in a Chemical Reaction (planning)</i>                                  | Podcast: <a href="#">Hess' Law</a><br>Complete Lab #1 formal lab report (due 9/22)          |
| 9/22       | Lab #2: (Guided Inquiry) <i>Finding the Ratio of Moles in a Chemical Reaction (experimenting)</i><br><b>Lab report #1 due</b> | Work on group miniposter for lab #2<br>Start CALM   |
| 9/25       | POGIL: Heats of Formation   | Chapter 5 problems 5.3, 5.9<br>Work on CALM   |
| 9/26       | Chapter 5 Problem Set   | Complete CALM by 2:30 pm on 9/27<br>Finish group miniposter for enthalpy of solution lab    |
| 9/27       | MCQ practice problems<br>Chapter 5 wrapup/review  |   |
| 9/28       | POGIL: Gases<br>Group miniposter for lab #2 due   | Study for chapter 5 test<br>Chapter 5 summary card (bring to class)                         |
| 9/29       | Chapter 5 test  | Work on initial science fair proposals (due date TBA)<br>Print/highlight chapter 10 outline |

[Enthalpies of Formation](#) podcast  
[Thermochemical Equations](#) podcast  
[Hess' Law](#) podcast  
 Online MC practice problems at website

Comments on Chapter 5:  
 Skim through sections 5.1-5.2; the HW questions for this section are conceptual; refer back as needed.

**Sections 5.3-5.7 are the main focus.** Skip section 5.8 entirely.

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<http://www.chemmybear.com/stdycrds.html> AP Chemistry flash cards