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Day 07 Feb 12 Heating and cooling curves

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1-1-2016

7.0.A Daily Outline

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Recommended Citation

Bauer, Christopher F., "7.0.A Daily Outline" (2016). *Day 07 Feb 12 Heating and cooling curves*. 1.
<https://scholars.unh.edu/day7/1>

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Purpose:

Experimental work on heating and cooling substances as a set up for talking about phase change and heat (particularly latent heat). This is an exploration phase.

Board

Please sit with the group you had been with last class.

Make a stick-on name tag with first name

I'll come around to check your notes and check you in

Materials

Name tags

Premade name cards

White board markers

Returns

- Recorder reports from table groups that had worked together on experiments last time.

Distributions

Starting Comments _____ 2 minutes max

- There will be things to read for next Tuesday. Haven't decided yet what those are.
- Likely will be debriefing experiments from today unless we're really efficient.
- I had also wanted to return to those challenge questions to see what you had to say – will spend a little time on this Tuesday as well
- Remember you standing weekly assignment over weekend.

Task 1 Experimental Work

“Count” off: A to G. Find the people who have the same letter as you. This is your group for today.

Go to the table with your letter.

Read over the first page, top of the second, and the procedure pertinent to your experiment. Make note of any questions. When you think your group is ready, find the location for your experiment and go there and start your procedure.

ABC are in the lab room.

DEFG are in this room.

The graph paper is on big poster sheets in this room. Your goal is to try to get your data plotted today before you leave.

Intern Activities, Day 7, Feb 12 Fire & Ice

Your folder contains enough copies of materials for each of you to have a set.

Ben was grading part of this time.

Experimental activities. Split up. Be like “TAs”. You can interact but don’t explain; listen to their observations and comments. Just make sure they stay safe.