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Day 17

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## 17.0.G Message end of class Day 17

Christopher F. Bauer University of New Hampshire, chris.bauer@unh.edu

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Assignment for Tues Mar 31

1) Do the Standing Weekly Assignment -- return that electronically to me as usual.

2) Write a co-authored "consumer product review" for the MagicThaw/Thawmatic addressing its efficacy (does it work) and its value (should someone pay \$20-30 for it). Aim for a length that would be typical on a website review from a professional (e.g. Consumer Reports or the like). So length might be about half a page single-space quantity. Each individual should write a draft, circulate the drafts, and then decide how to consolidate. This will avoid the situation of one person doing the heavy lifting (first draft). Bring a typed copy with you on Tuesday. CONSIDER THIS A REFLECTIVE WRITING ASSIGNMENT.

3) Review your experiments with your group. You might also find it valuable to look at the Recorder Reports for the other groups. Identify the most critical or informative experiments you did and be prepared to report your experiments, results, and conclusions to the whole class on Tuesday. I will give you time at the start of class to assemble a poster that summarizes (could be illustration, graphs, data, etc.), but you should have engaged in some conversation within your group BEFORE coming to class, so that when you get to class, you can go directly to creating the poster.

4) Go to this website and read about conduction, convection, radiation. Your ideas need some refining (from my read of your recorder reports) http://theory.uwinnipeg.ca/mod\_tech/node74.html

5) If you ran out of time on the PhET with "black body radiation", then you should definitely return to it to play with it more.

We had a productive day Thursday, so it will be interesting to see what everyone has been doing. The experimental materials will still be around should we need to test anything further.

Christopher F. Bauer, Principal Investigator.

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