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Day 13 Mar 05 Thermal equilibrium

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13.0.G Message end of class Day 13

Christopher F. Bauer

University of New Hampshire, chris.bauer@unh.edu

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Homework:

Write a molecular level story that describes the before and after of putting 20 mL hot water inside and 100 mL cold water outside. Story must describe exactly how gets from starting condition to end condition. No standing assignment this weekend. DELAYED

Give some thinking to this experimental challenge.

Your group will choose one of the three research questions below.

I will also entertain alternative suggestions from you (email me).

Design an experiment that will help you investigate the question.

I will have materials available that will allow you to explore the question, so you won't be able to get specific about details until you see what's available.

Clear your intended procedure with an instructor

Gather the data, review, perform additional experiment confirmatory experiments, assemble information for presentation (e.g. graph of data).

Research Questions

- 1) Can the movement of heat be controlled?
- 2) Do cold things have heat?
- 3) Do different substances have the same ability to provide heat?