Daily Assignment

Announcement: Wednesday, October 2, we will go on a field trip to the Priestley house. We will meet at 8:15 am at the parking lot behind Dana as indicated on the map on the backside of this daily assignment. Please be on time, so that we will be back on time for your 10 am classes. For your 8:00 am classes get in contact with your instructors.

due: Wednesday, October 2, 8 am

read: Hand-out about Priestley house

Hand your answers back to me either via email (kvollmay@bucknell.edu) or as hardcopy.

1. Why did Priestely come to the US?
2. What were his main achievements as chemist?
3. Describe Priestley the theologian and the politician.
4. For project II: biography of a physicist in the past (details and deadlines see hand-out) name your partner and the physicist about which you will write your paper and give a talk. For your descision process go to the library and read about the physicists you consider and/or use the encyclopedias in the library about dead scientists to find the physicist of your own choice. Suggestions: Gibbs, Kepler, Boltzmann, Fermi, Bohr, Schroedinger, Faraday, Planck, Rutherford, Dirac, Teller, Joan Freeman
For this project (which consists of a paper and a talk) you work in groups of two. The following description is for your paper but the content will be very similar for your talk.

**Project:** Write a biography about a physicist in the past, i.e. not living, who is not included in the course syllabus. Your paper should describe the physicist’s life, character and work. For their life include all important events, especially those which might have had impact on their life and/or work. What was their main scientific achievement. In case your physicist was influenced by their society, or vice versa, describe the necessary historic background. What motivated them? What led to their success?

**Groupwork:** Since you work in groups of two, divide the paper into two equal parts. Each one of you will work on one part and then you will get together to combine them. You will get two grades, one for your part (when you hand your paper in, indicate clearly who worked on which sections), and one for your whole paper.

**Academic Responsibility:** It might be in this paper very difficult to find your own words after having read about your physicist. Nevertheless you are not allowed to use any sections of your sources. You must find your own words. Anything else is academic dishonesty and considered a major delict. In case of any doubt, please feel free to contact me.

**Deadlines:**
- Oct. 2: group partner and physicist you will work on
- Oct. 4: bibliography due (including one or more books)
- Oct. 11: 1st version of your paper
- Oct. 18: final paper

**Memberlist:**
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