

Phox Valley Physical Science/Physics Share Group Meeting

May 2, 2018 (5:30 Meet n Greet, 6:00-8:45 Meeting Time)

Neenah HS

Scott H. (Neenah):

Uniform Circular Motion Challenge Lab, and original idea from Frank Noschese

Bailes on the Energy Suite of Labs this year due to time. Started with Hooke's Law per usual, but split up the labs between 3 groups and gave them data to work with. He did make videos so they could see what they did.

Ann L. (Appleton North):

Argument Presentation on a Whiteboard:

- Begin with a Guiding Question
- Followed by Claim, Evidence, Reasoning

Audience members rotate between boards and look for mistakes or ask questions to critique the presentations that students are doing.

Matt S. (Wrightstown): Gathering data from the rides at Bay Beach Amusement Park in Green Bay. Through the use of LabQuest 2's, they gather data and analyze it right at the park.

Terry S. (Shiocton):

2 Optics items:

First a simple demo to introduce particle nature of light and introduce specular versus diffuse reflection.

The second is a demo that makes kids try to figure out why a block of wax is always dim on the bottom, but not on the top.

Greg F. (Kaukauna):

Does a lab with his kids where they run reactions and collect oxygen gas from one reaction, and another reaction where they create hydrogen. These reactions are done in a test tube, and they have gas generator test tubes. Then the kids use the pipet bulbs to gather mixes of the gases to find the most explosive results.

Paul B (Seymour, Not in Attendance): Said school is looking to offer AP Physics 1, any advice on textbooks? Let Paul know.

