

Malt, Sherie

From: Wiamer, Christine
Sent: Tuesday, February 03, 2015 10:57 AM
To: Malt, Sherie
Subject: RE: 2nd Marking Period Technology Lesson
Attachments: Technology_lessonplan_secondquarter_wiamer.docx

Hi Sherie,

I have attached my technology lesson.

Thanks,
Christine

From: Malt, Sherie
Sent: Monday, February 02, 2015 2:52 PM
To: High School Teachers
Subject: 2nd Marking Period Technology Lesson

You may send your above mentioned lesson electronically or hard copy, whichever is easier.

Sherie Malt

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Dr. Christine P. Wiemer

Technology Lesson Plans—second quarter

1. AP Physics: Students were assigned the college level text “Physics by Wilson, Buffa and Lou, 7th edition. This edition comes with online material including Physics questions from each chapter of the text that are not found in the text itself. Some questions are just physics problems while others include pictures or even videos that ask students to make predictions based on their physics knowledge. The questions provide hints that the students can use to guide them in self-study to arrive at the solutions.

Originally, I gave a 25 minute homework assignment but there were several administrative problems including the wrong URL and the issue of some web browsers that did not support the video. The assignment was switched to in class and the students themselves worked out the issues and were able to successfully complete the homework physics problems. Also, several of the Physics problems had a PARCC like interface whereby the students had to select and choose mathematical symbols, enter them into boxes and then, submit their answers. The students were able to complete a lesson on Torque and Angular Momentum. Though this was review material, now that the students are registered online, I plan to use the extra support material again in different physics subjects to allow the students to review for the AP test.

2. AP Physics: The students went to the Khan academy website and reviewed a physics subject they wanted more clarification in. For homework, the students had to write a summary of the video they watched and the material that was covered. Khan academy provided different examples than I had covered in class so the students thought that these videos were helpful for physics review.