

Physics I

Week 1:

At this point, you now know all of the information necessary to complete the remainder of the energy transfer model packet. Please work through all of the questions and problems that remain on Practice 3, 4, and 5 in the energy packet. Please refer to the online tutorials and videos on the ETM page of the class website if you need additional assistance. I will be posting solutions to the questions and problems on the class website under the ETM page for your review, but please try to do them on your own first.

Week 2:

Work through the questions and problems on Practice 1, 2, and 3 in the Central Force Particle Model (CFPM) packet. This is the next unit we will be studying and it deals with objects moving in a circle. I will post the missing class discussion notes for "Forces in Circular Motion" and "Acceleration in Circular Motion" on the CFPM page of the class website. I will also be posting solutions to the questions and problems on that page of the website as well. Again, please try to complete the work on your own first before referring to the solutions.

There will be time to review your work on the ETM and CFPM packets together in class when school resumes. Also, at that time, we will determine the best path forward in terms of how we will deal with re-assessments, the quarter exam, and end of the quarter grades.

AP Physics 2

Week 1:

At this point, you now know all of the information necessary to complete the remainder of the quantum mechanics packet. Please work through all of the questions and problems that remain on Practice 3 and 4 in the quantum mechanics packet. Please refer to the online tutorials and videos on the quantum mechanics page of the class website if you need additional assistance. I will be posting solutions to the questions and problems on the class website under the quantum mechanics page for your review, but please try to do them on your own first.

Week 2:

Work through the questions and problems on Practice 1, 2, and 3 in the nuclear physics packet. This is our next unit we will be studying. Practice 1 is somewhat of a chemistry review and you should be able to do most of it on your own. I will post the missing class discussion notes for "Nuclear Force and Energy" and "Nuclear Reactions" and "Nuclear Decay" on the nuclear physics page of the class website. I will also be posting solutions to the questions and problems on that page as well. Again, please try to complete the work on your own first before referring to the solutions.

There will be time to review your work on the quantum and nuclear physics packets together in class when school resumes. Also, at that time, we will determine the best path forward in terms of how we will deal with re-assessments, the unit exam, and end of the quarter grades.

STEAM/PJAS

Weeks 1 and 2:

If you would like to improve your PJAS projects for the state competition, consider using this time to do any of the following:

- (1) Complete additional background research and improve that section of your presentation.
- (2) Update/fix any graphs, diagrams, and data tables.
- (3) Update/fix any errors/typos in any other presentation slides.