

Content Area & Materials	Learning Objectives	Tasks	Check-in Opportunities	Submission of Work for Grades
<p>AP Physics – Simple Harmonic Motion (SHM) Materials:</p> <ul style="list-style-type: none"> • AP Physics Textbook • SHM worksheet • pHet Instructions <p>Note: This is the last new material that we will cover for AP Physics!</p>	<p>Learning Objectives: Students will be able to meet the learning objective 3.B.3 and 5.B.2, .3 and .4 of the AP Curriculum. In summary: Objective 3.B.3 - Use properties of SHM and determine the motion of an oscillator and interdependence of the properties including restoring force. Objective 5.B.2, .3 and .4 – Conservation of energy in an ideal system and identifying internal forces in a real system. Potential and Kinetic energy of oscillating systems.</p>	<p>1. Notes – Ch 13.1 to 13.2 Posted PPT or from text. Use AP equation sheet while taking notes to locate and analyze equations (break down into components and define components) given on equation sheet. 2. pHet simulations* - Lab A - Lab B *Non-tech option available using hands-on materials. 3. SHM worksheet</p> <p>Note: additional materials available on Edmodo and AP Classroom which are not mandatory and will not be graded!</p>	<ul style="list-style-type: none"> • Students will receive at least a weekly message from me through Edmodo. • Students may also participate in optional office hours through email, Edmodo, Zoom, or google voice 209-597-8756. • I will hold an optional Zoom conference Thursday August 23 at 2-3PM for students to review any of the assignments and ask questions: <p>Jennifer BOTELHO is inviting you to a scheduled Zoom meeting. Topic: AP Physics Time: Apr 23, 2020 02:00 PM Pacific Time (US and Canada) Join Zoom Meeting https://us04web.zoom.us/j/791255269?pwd=V2VUUmJFPUUyY3S2RXbWY5M0N5YWczQT09 Meeting ID: 791 255 269 Password: 073088</p>	<ul style="list-style-type: none"> • Tasks 2 (10 points per lab) and 3 (10 points, 1 point per question) will be turned in to be graded. • All tasks will be submitted either digitally (through Edmodo) <u>or</u> hardcopy. DO NOT submit some hardcopy and some digitally! <p>Note: Handwritten documents can be scanned, or a picture taken to submit digitally. Please be sure it is legible!</p>
<p>Scheduled, if possible, Shared Experience</p>	<p>Zoom meeting, Thursday April 23, 2-3PM. Additional meetings can be set up as needed</p>			
<p>Scaffolds & Supports</p>	<p>I encourage student to use Edmodo, Zoom, or other appropriate communication platforms to collaborate. In addition, any resources they find helpful please post to Edmodo to help their peers!</p>			
<p>Teacher Office Hours</p>	<p>Everyday: 8-9 AM and 2-3 PM through email, Edmodo, or Google Voice</p>			