

HONORS PHYSICS STANDARDS CALENDAR
CHAPTER 6

Name: _____

Hour: _____

Directions: You should use this page to focus on the daily standards and corresponding assigned reading, questions, and problems and to track the standards that you have mastered. Refer to the syllabus for more information.

Monday	Tuesday	Wednesday	Thursday	Friday
10/24 Standard: 6.1	10/25 Standard: 6.2	10/26 Standards: 6.3-6.4	10/27 Standards: 6.3-6.4 Experiment 5	10/28 Standard: 6.6
10/31 Halloween Demos!	11/1 Standards: 6.5, 6.6	11/2 Standard: 6.6	11/3 Standards: 6.7, 6.8 Experiment 6	11/4 Review
11/7 Exam				

Standards and Homework	SA	A1	A2P	A2
Monday, October 24th				
6.1 Know and apply the definition of work to solve problems involving a constant force and a varying force. R: 1-2; Q: 1-3; P: 2, 4, 8				
Tuesday, October 25th				
6.1 Know and apply the definition of work to solve problems involving a constant force and a varying force. P: 10, 13				
6.2 Solve problems involving translational kinetic energy and the work-energy principle. R: 3, 5; Q: 8, 9; P: 19, 21, 23, 25				
Wednesday, October 26th				
<i>Experiment 5 Pre-Lab</i>				
6.3. Solve problems involving gravitational potential energy (GPE) and elastic potential energy (EPE). R: 4; P: 29, 31, 33				
6.4. Know the law of conservation of mechanical energy and apply it to solve problems involving translational motion. R: 6, 7; Q: 12, 25; P: 35, 40, 41, 43				
Thursday, October 27th				
6.3. Solve problems involving gravitational potential energy (GPE) and elastic potential energy (EPE). <i>Experiment 5 Informal Report</i>				
6.4. Know the law of conservation of mechanical energy and apply it to solve problems involving translational motion. <i>Experiment 5 Informal Report</i>				

SA: Self-Assessment

A1: Assessment #1
D: Developing Mastery

A2P: Preparation for A2
M: Mastered

A2: Assessment #2

Standards and Homework	SA	A1	A2P	A2
Tuesday, November 1st				
6.5. Know the definition of power and apply the equations for power to solve problems. R: 10; Q: 26; P: 59, 65, 67				
6.6. (FR) Know the law of conservation of energy and use it to solve problems involving dissipative forces. R: 8, 9; Q: 17, 19; P: 49, 50, 53				
Wednesday, November 2nd				
<i>Experiment 6 Pre-Lab</i>				
6.4. Know the law of conservation of mechanical energy and apply it to solve problems involving translational motion. <i>P: 84</i>				
6.5. Know the definition of power and apply the equations for power to solve problems. <i>P: 68</i>				
6.6. (FR) Know the law of conservation of energy and use it to solve problems involving dissipative forces. <i>P: 54, 75</i>				
Thursday, November 3rd				
6.7. (Lab) Perform an experiment to compare the loss of PE and the gain of KE of an object moving down an incline in order to calculate the force of friction along the incline. Experiment 6 Lab Practicum				
6.8. (Lab) Explain the results of an experiment by discussing the concepts of work, KE, PE and apply the conclusions to other applications. Experiment 6 Lab Practicum				

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