

Science 10

Wednesday, May 30/18

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Roller Coaster: Due: Friday, June 1/18 -> Wednesday, June 6/18
Optional Assignment - Graphing Characters (Max. 2)
- Due: Friday, June 1/18

1. Check:
Worksheets - Position vs Time Graphs
 2. Velocity-Time Graphs
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3. Worksheet - Velocity vs Time Graphs
 4. Acceleration
 5. Comparing Directions of Velocities and Accelerations
 6. Sample Problems - Acceleration
 7. Worksheet - Acceleration

Physics 112

Wednesday, May 30/18

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1. Exam Review - Problem #3 -> See Next Page
2. Check -> Worksheets: Textbook - C6 PP #35-37 -> Hooke's Law
Textbook - C6 PP #38-40 - Hooke's Law and E_e
Textbook - C6 PFU
3. Worksheets - C6 Work, Types of Energy and Work-Energy Theorems
- Types of Energy and Work-Energy Theorems
4. Systems
5. Law of Conservation of Energy - To Be Continued

6. Worksheets - Last Set!

Exam Review - Freely Falling Body #3 May 30

A cliff diver begins her dive by jumping vertically upward. What was the diver's initial velocity if it takes her 5.4 s to hit the water 112 m below?

Physics 122

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1. Return -> SA: U2 - Projectiles and Circular Motion
2. Kepler's Three Laws of Planetary Motion - Experiment 8.1
Due: Thursday -> May 29 (at the latest) - 1 Day Late
3. Check
Worksheet - Kepler's Third Law Problems
4. Universal Law of Gravitation
5. [Worksheet - Universal Law of Gravitation](#)

6. Gravitational Field Strength
7. Calculating the Value of "g"
8. Orbital Speed
9. Three Basic Orbits
10. The Period of an Orbiting Object
11. Worksheets - Speed, Period, Etc.

Science 122

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1. Check:
Worksheet - Assigning Oxidation Numbers
 2. Balancing Redox Reactions Using Oxidation Numbers
 3. Examples - Balancing Redox Using Oxidation #'s
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4. Chemistry 30:
Unit 6: Redox Reactions and Electrochemistry