

## Physics 112

Thursday, May 16/19

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FA Duo-Tangs -> Submit Friday

SA - U3 S1&2 -> Wednesday, May 22/18

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1. FA - Kinetic Energy  
FA - Work-Kinetic Energy Theorem  
FA - Work-Kinetic Energy Theorem (Problem) } 1 Day Late
  2. Worksheet - Textbook - C6 PP #35-37 -> Hooke's Law  
Textbook - C6 PP #38-40 - Hooke's Law and  $E_e$
  3. Worksheet - Textbook - C6 PFU  
#16-17, 20, 23-25, 27-28(a-c), 30-31
  4. Worksheet - Types of Energy and Work-Energy Theorems(D2017)
  5. Investigation 6-A: Force and Spring Extension
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## Physics 122

Thursday, May 16/19

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Submit FA duo-tangs Friday.

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1. Return - Experiment: Kepler's Laws (4 Outstanding)
2. Questions?  
Worksheet - Pendulums -> Text: C13 Page 614, PP #5-8  
Text: C13 Page 623, PFU #28
3. Review Types of Energy
4. Energy of a Mass on a Horizontal Spring
5. Maximum Speed of a Mass on a Spring
6. Speed Of A Mass On A Spring At Any Point
7. [Worksheet - Text: Page 608, PP #1-4](#) (Mass on a Spring)  
[Text: Page 623, PFU #23-27, 30](#) (Mass on a Spring and Pendulums)

[Worksheet: SHM - Problems](#)

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## Science 122

Thursday, May 16/19

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1. Check:  
BLM 16-1: Right-Hand Rules
  2. Worksheet - MC Magnetic Fields and Hand Rules
  3. Electric Motors
  4. Force on a Current-Carrying Wire
  5. Worksheet - Force on a Current-Carrying Wire
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## Science 10

Thursday, May 16/19

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1. SA - Physics #1
2. Graphing Basics, Slope
3. Practice Sheets - Plotting Points, Ordered Pairs and Slope
4. Roller Coasters