

{ May 23 - Victoria Day (Monday) }  
{ May 27 - Professional Learning Day (Friday) }

Physics 112  
Friday, May 13/16

<http://mvhs.nbed.nb.ca/>  
<http://mvhs-sherrard.weebly.com/>  
\*Library Books

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Adopt a Family

Explain That Stuff - May 13/16

1. Investigation: Atwood's Machine - 5 Days Late
  2. Assignment: U3-S1 - Work -> Monday, May 16/16
  3. Kinetic Energy
  4. Work-Kinetic Energy Theorem
  5. [Worksheet: Textbook - Page 238, PP #19-21](#)  
[Textbook - Page 245, PP #22-25](#) } HW for Tuesday
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6. Potential Energy
7. Gravitational Potential Energy
8. Work-Gravitational Potential Energy Theorem
9. Worksheet - Textbook: Page 250, PP # 27, 29  
Textbook: Page 254, PP # 30-33

## Science 122

 <http://mvhs.nbed.nb.ca/>

Friday, May 13/16

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1. Radioactive Decay: Alpha, Beta and Gamma Decay
  2. Decay Series
  3. Half Life
  4. Activity and Decay Constants - To Be Continued
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5. Worksheets: Half-Life, Activity and Decay Constant (2)

## Science 10

Friday, May 13/16

<http://mvhs.nbed.nb.ca/>



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1. Test - Physics Unit - Friday, May 13/16
  2. Roller Coasters - Deadline: Thursday, May 26/16
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## Physics 122

Friday, May 13/16

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## Explain That Stuff - May 13/16

1. Questions? Worksheet: Text: Page 614, PP #5-8 } Pendulums  
Text: Page 623, PFU #28, 29 }  
Worksheet: Text: Page 608, #1-4 } Mass on a  
Text: Page 623, #23-27, 30 } Spring and  
Pendulums
2. Test - Unit 2 -> Wednesday, May 18/16

### \*Planetary Motion and SHM

3. Unit 3 - Section 1 - Electrical Fields and Coulomb's Law
  4. Electrostatics and Types of Charge
  5. Transfer of Charge
  6. Static Electricity Series
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7. Charging by Conduction
  8. Charging By Induction
  9. Law of Conservation of Electric Charge