

Science 122

Monday, December 5/16

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



<http://mvhs-sherrard.weebly.com/>



1. Check -> Worksheets (2)
2. Assignment: Nuclear Decay, Half-Life, Decay Constants & Activity
Due: Monday, Dec. 12/16

3. Photoelectric Effect

4. Wave Particle Duality of Light

5. deBroglie Wavelength

6. Worksheet - Energy of Photons, Work Function, Etc.

Physics 112

Monday, December 5/16

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



<http://mvhs-sherrard.weebly.com/>



1. Check Worksheets:

C6 - Kinetic Energy Page 238: PP #19-21

C6 - Work-Kinetic Energy Theorem Page 245: PP #22-25

2. Reference/Zero Lines

3. Gravitational Potential Energy

4. Work-Gravitational Potential Energy Theorem

5. [Worksheet - C6 - Gravitational Potential Energy Page 250: PP #27, 29](#)

[Work-GPE Theorem Page 254: PP # 30-33](#)

HW

6. Restoring Force

7. Hooke's Law

8. Elastic Limit

8. Elastic Potential Energy

Physics 122

Monday, December 5/16

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



<http://mvhs-sherrard.weebly.com/>



-
1. Second Chance -> SA - Projectiles
 2. [Worksheet - Text: Page 608, PP #1-4](#)
[Text: Page 623, PFU #23-27, 30](#) } HW
 3. SA - Simple Harmonic Motion
- TBA
-

Science 10

Monday, December 5/16

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

<http://mvhs-sherrard.weebly.com/>

-
1. Return -> Physics Quiz #2 - Tomorrow
- Some still to write.
 2. Check -> Worksheet: 100 Acre Woods
 3. Representing Vector Quantities
 4. Resultant Displacement
 5. Activity - Adding Displacement Vectors - Optional
 6. Average Velocity
 7. Assignment - Average Speed, Constant Velocity and Average Velocity
- TBA
 8. [Worksheet - Constant and Average Velocity Problems - HW #1-5](#)
-
9. Position vs. Time Graphs