


## Science 9

Thursday, December 19/19

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1. IC SA - Cellular Processes - 3 Days Late
  2. Crossword Puzzle - Cellular Processes (Optional)
  3. **Activity: Human Genetic Disorders -> Continue**  
**-> Due: Friday, Dec. 20/19**
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## Physics 112

<http://mvhs.nbed.nb.ca/>Thursday, December 19/19

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**Re-Do - Intro to Momentum - Today at Noon**

1. Questions?  
Worksheet: Types of Energy and Work-Energy Theorems
    - > Gravitational Potential Energy
    - > Work-Gravitational Potential Energy Theorem
  2. FA - Gravitational Potential Energy  
FA - Change in Gravitational Potential Energy } LC Due - Frid.
  3. Worksheet: Types of Energy and Work-Energy Theorems
    - > Elastic Potential
    - > Mandatory Problems
  4. FA - Elastic Potential Energy
  5. Unit 3 - Section 3: Systems and Conservation of Energy
  6. Systems
  7. Comparing  $E_k$  and  $E_g$  in a System
  8. Calculating  $E_k$ ,  $E_g$  and ME of a System
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9. Popsicle Chain Reaction
  10. The Law of Conservation of Energy

## Physics 122

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### Unified Basketball Game -> \$2.00

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1. SA: SHM and Projectiles -> Not Marked Yet
2. Coulomb's Law - 3 Charges
3. Worksheet - Electric Charge and Coulomb's Law
  - > Electric Charge
  - > Coulomb's Law - 2 Charges
4. Coulomb's Law - 3 Charges (1D)
  - 3 Charges (2D)

## Science 10

Thursday, December 19/19

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1. Check  
Worksheet - Acceleration Problems
2. Extension -> More Acceleration Formulas
3. Extension -> Worksheet - Acceleration , Velocity and Time
4. Worksheet -> Freely Falling Bodies