

## Science 9

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

Monday, September 9/19

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### **Media Coverage Forms**

#### **Bus Evacuation - Sept 12 - P2**

1. Check:  
Handout - Super Scientists
2. Foldables - Scientific Method (To Be Continued)  

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**Experimental Design**
3. Handout - Exploring the Scientific Method
4. Redi's Experiment on Spontaneous Generation
5. Experiment's of Others on Spontaneous Generation
6. Unit 1 - Space Exploration
7. Solar System, Galaxy, Universe: What's the Difference?
8. 312-3 -> Describe theories on the origin and evolution of the universe (Big Bang Theory and Oscillating Theory).

# Physics 112

Monday, September 9/19

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

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## Bus Evacuation - Sept 12 - P2

1. Return -> Assignment - Alphabetical Autobiography  
- Reasons for Choices  
- Due: Friday, Sept. 13/19
  2. FA - Physics to Scientific Notation
  3. Accuracy and Precision
  4. Percent Error (To Be Continued)
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5. Worksheet - Percent Error Practice Problems
  6. SI Prefixes
  7. Metric Conversions
  8. Rearranging Equations
  9. Worksheet - Conversions and Rearranging Equations
  10. Summative Assessment - Thursday/Friday
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**FA – Physics to Scientific Notation**

Name - \_\_\_\_\_

Date - \_\_\_\_\_

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1. Physics is the study of \_\_\_\_\_ and \_\_\_\_\_. (BKS1)
  2. \_\_\_\_\_ is the science of measurement. (BKS2)
  3. A physical quantity is a physical \_\_\_\_\_ that can be measured. (BKS3)
  4. The two parts of a measurement are its \_\_\_\_\_ and \_\_\_\_\_. (BKS4)
  5. Complete the table below. Any four of each type will be acceptable. (BKS5)

<b>Symbols of Four SI Base Units</b>	<b>Symbols of Four SI Derived Units</b>

6. Write the following measurements in scientific notation. (BKS6)
  - a) 0.00456 g = \_\_\_\_\_
  - b) 39218.7 km = \_\_\_\_\_

# Physics 122

Monday, September 9/19

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

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1. Return -> FA - Perpendicular Components (FP1.1)  
-> **LC due by Tuesday, Sept. 10/19**
  2. Questions?  
[Worksheet - Resolving Vectors and Vector Addition](#)
  3. FA - Calculating R Using Perpendicular Components (FP1.2)
  4. [Worksheet - Resolving Vectors and Vector Addition](#)  
- [Mandatory Section](#)
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5. FP1.3 - Solve Type I force problems (push/pull problems)
  6. Worksheet – 2D Force and Static Torque Problems  
-> Push/Pull Problems

## Science 10

Monday, September 9/19

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1. **Assignment - Autobiographical Poem**  
**Due - Friday, Sept. 6/19**
  2. Check  
Handout - Introduction to Physical and Chemical Changes
  3. A "Cool" Demo
  4. Two Types of Charge
  5. Handout - Atoms and Their Structure
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6. Elements and Their Chemical Symbols
  7. Handout - Wondering How Elements are Named?
  8. The Periodic Table of Elements
  9. Handout - Periodic Table of the Elements
  10. Handout - Find the Hidden Element
  11. Handout - Chemical Symbol Scramble
  12. Handout - Chemical Periods and Groups/Families
  13. Handout - Metals, Nonmetals and Metalloids
  14. Characteristics of Metals and Nonmetals