

Physics 112

Wednesday, February 6/19

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

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1. Class List/Seating Plan
 2. **Assignment - My Alphabetical Autobiography**
- Due: Tuesday, Feb. 5/19 , *Friday, February 8/19
No School - Feb. 5
 3. Check:
Worksheet - Percent Error Practice Problems
 4. Significant Digits
 5. Counting Significant Digits
 6. Worksheet - Counting Significant Digits and Rounding
 7. Significant Digits - Operation Rules - To Be Continued
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8. Worksheet: Certainty and Precision Rules
 9. FA - Scientific Notation, Percent Error and Operation Rules
 10. International System of Units
 11. SI Fundamental/Base and Derived Units
 12. SI Prefixes
 13. Metric Conversions
 14. Worksheet - Conversions and Equations
 15. Rearranging Equations
 16. Worksheet - Conversions and Equations

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*My Alphabetical Autobiography***Instructions:**

Write the 26 letters of the alphabet down the left-hand side of a sheet of paper. Write a word or phrase next to each letter that expresses something important in your life – an event, a person, a skill, a favorite something,
or a word that describes you.

Don't forget to put your name on your paper.

The autobiography is due: Tuesday, Feb. 5/19

Example:*Miss Sherrard's Alphabetical Autobiography*

A - addled
B - books
C - cookies
D - Doris
E - Elaine
F - flabbergasted
G - Georgia
H - Harvey
etc.

Once you've submitted your autobiography, Miss Sherrard will choose five of the words you've selected.

By Friday, Feb. 8/19, see Miss Sherrard to explain your choices. (5)

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1. Questions re Perpendicular Components?
Worksheet: [Vectors - Perpendicular Components](#)
 2. FA - Perpendicular Components of a Vector
FA - Adding Vectors Using Perpendicular Components
 3. Reminders: Kinematic Equations
Newton's Second Law
 4. Force Problems Involving Components - Types I, II and III
 5. Type I: Pulling or Pushing An Object -> To Be Continued
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6. Worksheet: Force Problems - Type I
 7. FA - Force Problem - Type I
 8. Static Equilibrium
 9. Type II: Suspended Objects - Simple
 10. Worksheet: Type II (Suspended Objects - Simple)

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1. Questions?
Worksheet: Refraction -> #1-13
2. FA - Ray Diagram: Refraction and Snell's Law
3. Convex Mirrors
4. Convex Mirrors - Ray Diagram
5. Mirror Equation
6. Lens Equation
7. Worksheet - Concave and Convex Mirrors (Calculations)

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

1. Class List/Seating Plan
 2. **Assignment - Autobiographical Poem**
Due - Tuesday, Feb. 5/19 (No School) -> Feb. 6/19
 3. Handout - Atoms and Their Structure
 4. Elements and Their Chemical Symbols
 5. Periodic Table of the Elements
 6. Handout - Periodic Table of Elements
 7. **Handout - Find the Hidden Element - Complete for Tomorrow**
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8. Handout - Chemical Symbol Scramble
 9. Handout - Chemical Periods and Groups/Families
 10. Handout - Metals, Nonmetals and Metalloids
 11. Characteristics of Metals and Nonmetals
 12. Atomic Number
 13. Standard Atomic Notation
 14. Worksheet: Standard Atomic Notation
 15. Bohr-Rutherford Diagrams
 16. Worksheet: Bohr-Rutherford Diagrams
 17. SA - Chem #1