

Physics 112

Monday, February 4/19

<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
 3. Accuracy vs. Precision - Continue
 4. Percent Error
 5. Pre-Summative Assessment Checklist
 6. Task Sheet
 7. **Worksheet - Percent Error Practice Problems**
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8. Significant Digits
 9. Counting Significant Digits
 10. Worksheet - Counting Significant Digits and Rounding
 11. Significant Digits - Operation Rules
 12. Worksheet: Certainty and Precision Rules
 13. International System of Units
 14. SI Fundamental/Base and Derived Units
 15. SI Prefixes
 16. Metric Conversions
 17. Worksheet - Conversions and Equations
 18. Rearranging Equations
 19. Worksheet - Conversions and Equations

Physics 112

*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. Pre-Summative Assessment Checklist
 2. Task Sheet
 3. Graphical Track of Formative Assessments
Learning Category Descriptors
 4. Unit 1 - Section 1 -> Force Problems
 5. Vector Review
 6. Perpendicular Components of a Vector
 7. Adding Vectors Using Perpendicular Components
 8. [Worksheet: Vectors - Perpendicular Components](#)
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9. FA - Perpendicular Components of a Vector
FA - Adding Vectors Using Perpendicular Components
 10. Reminders: Kinematic Equations
Newton's Second Law
 11. Force Problems Involving Components - Types I, II and III
 12. Type I: Pulling or Pushing An Object
 13. Worksheet: Force Problems - Type I
 14. Static Equilibrium
 15. Type II: Suspended Objects - Simple

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1. Questions?
Worksheet: Refraction -> #1-13
 2. Characteristics of Images Produced by Mirrors (POST)
 3. Plane Mirrors
 4. Spherical (Curved) Mirrors
 5. Concave Mirrors
 6. Concave Mirror - Ray Diagrams
 7. Worksheet: Concave Mirror - Ray Diagrams
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8. Convex Mirrors
 9. Convex Mirrors - Ray Diagram
 10. Mirror Equation
 11. Lens Equation
 12. Worksheet - Concave and Convex Mirrors (Calculations)

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

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

1. Class List/Seating Plan
 2. Course Outline
 3. **Assignment - Autobiographical Poem**
Due - Tuesday, Feb. 5/19
 4. Topic Area #1 - Physical Science: Chemical Reaction
 5. Chemistry and Matter
 6. Types of Properties: Physical and Chemical
 7. Handout: Introduction to Physical and Chemical Changes
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8. Atoms and Their Structure
 9. Elements and Their Chemical Symbols
 10. Periodic Table of the Elements
 11. Handout - Periodic Table of Elements
 12. Handout - Chemical Periods and Groups/Families
 13. Handout - Metals, Nonmetals and Metalloids
 14. Characteristics of Metals and Nonmetals
 15. Atomic Number
 16. Standard Atomic Notation
 17. Worksheet: Standard Atomic Notation
 18. Bohr-Rutherford Diagrams
 19. Worksheet: Bohr-Rutherford Diagrams
 10. SA - Chem #1