

Room 4231 - N. Sherrard

Period 1 - Prep

Period 2 - Physics 112

Period 3 - Physics 122

Period 4 - Science 10

Period 5 - Science 10

Physics 112
Wednesday, September 5/18

<http://mvhs.nbed.nb.ca/>
<http://mvhs-sherrard.weebly.com/>

1. Class List/Seating Plan
 2. Prerequisites for Physics 112
 3. Course Outline
 4. Physics 112 - Formula Sheet
 5. Classroom Expectations
 6. Classroom Procedures
 7. Websites - School Weebly
 8. Fire Alarms & Lock Downs
 9. **Assignment - Alphabetical Autobiography**
- Due: Frid., Sept. 7/18
 10. Basic Skills - Concept Sheet
 11. What is Physics?
 12. Metrology
 13. Physical Quantities - To Be Continued
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14. Scientific Notation
 15. Accuracy vs. Precision
 16. Percent Error
 17. Significant Digits
 18. Significant Digits and Measurement
 19. Counting Significant Digits
 20. Significant Digits - Operation Rules
 21. International System of Units
 22. SI Fundamental/Base and Derived Units
 23. SI Prefixes
 24. Metric Conversions
 25. Rearranging Equations
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Physics 122

Wednesday, September 5/18

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1. Class List/Seating Plan
 2. Prerequisite for Physics 122
 3. Course Outline
 4. Physics 122 - Formula Sheet
 5. Classroom Expectations
 6. Classroom Procedures
 7. Websites - School
Weebly
 8. Fire Alarms & Lock Downs
 9. Worksheet: Review Exercise
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10. Unit 1 - Learning Targets
 11. Unit 1 - Section 1 -> Force Problems
 12. Vector Review
 13. Perpendicular Components of a Vector
 14. FA - Perpendicular Components of a Vector
 15. Adding Vectors Using Perpendicular Components
 16. Worksheet: Vectors - Perpendicular Components
 17. FA - Adding Vectors Using Perpendicular Components
 18. Reminders: Kinematic Equations
Newton's Second Law
 19. Force Problems Involving Components - Types I, II and III
 20. Type I: Pulling or Pushing An Object
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Science 10

Wednesday, September 5/18

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1. Class List/Seating Plan
 2. Prerequisites for Science 10
 3. Course Outline
 4. Classroom Expectations
 5. Classroom Procedures
 6. Websites - School
- Weebly
 7. **Assignment - Autobiographical Poem**
Due - Friday, Sept. 7/18
 8. Exercise - Figure It Out! - Will Check Answers on Friday
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9. Mindset - Video

<https://safeshare.tv/x/ss5b8eecfa3a060#>

10. Topic Area #1 - Physical Science: Chemical Reaction
11. Types of Properties: Physical and Chemical
12. Types of Changes
13. Atoms and Their Structure
14. Elements and Their Chemical Symbols
15. Periodic Table of the Elements
16. Handout - Periodic Table of Elements
17. Chemical Periods and Groups/Families
18. Characteristics of Metals and Nonmetals
19. Atomic Number
20. Standard Atomic Notation
21. Worksheet: Standard Atomic Notation
22. Bohr-Rutherford Diagrams
23. Worksheet: Bohr-Rutherford Diagrams