

Science 122

Thursday, September 8/16

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1. Class List/Seating Plan
 2. Student Package - Contact Information
 - Schedule
 - Welcome
 - School Safety
 - Bus Passes
 - Media Coverage - Parent Permission
 3. Activity - Magnetic Field Lines
 4. Magnetic Fields
 5. Magnetic Field of Earth
 6. Check - To Be Continued
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7. Background Information - Charged Particles
 - Electric Current
 - Electric Circuits
 8. Electromagnetism
 9. Right-Hand Rule #1
 10. Solenoid/Electromagnetic
 11. Right-Hand Rule #2
 12. Electric Currents in Magnetic Fields
 13. Right-Hand Rule #3
 14. Two Current-Carrying Wires
 15. Worksheet - Right Hand Rules
 16. MC - Magnetic Fields and Hand Rules
 17. Electric Motors
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Physics 112

Thursday, September 7/16

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1. Class List/Seating Plan
2. **Assignment - Alphabetical Autobiography - Questions?**
- Due: Frid., Sept. 9/16
3. Scribbler - The Essentials - Basic Skills
4. Concept - Basic Skills
5. What is Physics?
6. Physical Quantities
7. Motion Vocabulary - To Be Continued

8. Scientific Notation
9. International System of Units
10. Fundamental/Base Units
11. SI Derived Units
12. SI Prefixes
13. Metric Conversions
14. Accuracy vs Precision
15. Significant Digits
16. Significant Digits - Operation Rules
17. Rearranging Equations

Physics 122

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1. Class List/Seating Plan
2. Check - Review Exercise
3. Unit 1 - Section 1 -> Force Problems
4. Vector Review
5. Perpendicular Components of a Vector
6. Adding Vectors Using Perpendicular Components
7. [Worksheet: Vectors - Perpendicular Components - HW #1-3](#)

8. Reminders: Forces
9. Force Problems Involving Components

Science 10

Thursday, September 8/16

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1. Class List/Seating Plan
 2. Exercise - The Personality Compass - Place in Bin
 3. **Assignment - Autobiographical Poem**
- Due: Monday, Sept. 12/16
 4. Exercise - What Do You Know? (Chem Concepts from Science 9)
 5. Unit 1 - Physical Science: Chemical Reactions
 6. Periodic Table of the Elements - Notes and Copy of Table
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7. Exercise - Periodic Table Puns
 8. Handout - Periodic Table of Elements
 9. Properties: Metals and Nonmetals
 10. Chemical Symbols and Formulas