

Science 122

Friday, September 9/16

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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. Check - To Be Continued
 4. Background Information - Charged Particles
 - Electric Current
 - Electric Circuits
 5. Electromagnetism
 6. Right-Hand Rule #1
 7. Solenoid/Electromagnetic
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8. Right-Hand Rule #2
 9. Electric Currents in Magnetic Fields
 10. Right-Hand Rule #3
 11. Two Current-Carrying Wires
 12. Worksheet - Right Hand Rules
 13. MC - Magnetic Fields and Hand Rules
 14. Electric Motors
 15. Quiz - Start to Electric Motors

Physics 112

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1. Class List/Seating Plan
 2. **Assignment - Alphabetical Autobiography**
- Due: Today -> Frid., Sept. 9/16
 3. Motion Vocabulary - Continue
 4. Scientific Notation
 5. International System of Units
 6. Fundamental/Base Units - To Be Continued
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7. SI Derived Units
 8. SI Prefixes
 9. Metric Conversions
 10. Worksheet - Conversions and Rearranging Formulas
 11. Accuracy vs Precision
 12. Significant Digits
 13. Significant Digits - Operation Rules
 14. Rearranging Equations
 15. Worksheet - Conversions and Rearranging Formulas

Physics 122

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1. Class List/Seating Plan
2. Check -> Worksheet: Vectors - Perpendicular Components #1-3
3. FA - Perpendicular Components
4. Adding Vectors Using Perpendicular Components
5. [Worksheet: Vectors - Perpendicular Components HW - #4-6](#)

6. Reminders: Forces
7. Force Problems Involving Components
8. Type I - Push/Pull Problems
9. Worksheet: Force Problems - Type I

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Formative Assessment - Perpendicular Components

Sept. 9/16

Determine the perpendicular components of a force vector with a magnitude of 29 N and a direction of 47° S of W.

Science 10

Friday, September 9/16

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1. Class List/Seating Plan
 2. **Assignment - Autobiographical Poem**
- Due: Monday, Sept. 12/16
 3. Chemical Symbols
 4. Exercise - Periodic Table Puns #1-10
 5. Handout - Periodic Table of Elements (Chemical Periods and Groups)
 6. Characteristics of Metals and Nonmetals - To Be Continued
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7. Atoms and Their Structures
 8. Atomic Number
 9. Ions
 10. Worksheet - Chemistry: Ions and Subatomic Particles
 11. Naming Monatomic Ions