

Science 10

Tuesday, February 14/17

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1. Class List
 2. Assignment - Autobiographical Poem
 - Due: Monday, February 6/17
 - 3 Days Late
 3. Check -> Worksheet - Chemistry: Ions and Subatomic Particles
 4. Naming Monatomic Ions
 5. Assignment #1 - Chemistry to Atomic Number
 - Today, Feb. 10/17 - Finish for HW
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6. Worksheet #1 - Monatomic Ions
 7. Assignment - Your Name in Chemical Symbols
 - Due: TBA (To Be Announced)
 8. Ionic Bonds
 9. Simple Binary Ionic Compounds
 10. Worksheet #2 - Simple Binary Ionic Compounds

Physics 112

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1. **Assignment - Alphabetical Autobiography**
 - Due: Monday, Feb. 6/17
 - 3 Days Late
 2. Check -> Worksheet - Conversions and Rearranging Formulas
 3. Significant Digits - Operation Rules
 4. Rearranging Equations
 5. Worksheet - Conversions and Rearranging Formulas - HW
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6. Summative Assessment - Basic Skills
 - Topics
 - TBA

SA: Basics Skills - Topics

1. physics - definition
2. physical quantity - definition
3. motion vocabulary - symbols, units, definitions
4. scientific notation - general form, calculator
5. SI system - quantities and 7 base units (names/symbols)
- derived units
6. SI prefixes - names, symbols and powers of ten
7. metric conversions (3)
8. accuracy/precision
9. significant digits - in a given measurement
- precision (+ and -) & certainty (x and \div) rules
10. rearranging equations

Physics 122

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1. Class List
 2. Return -> FA - Perpendicular Components
 3. FA -> Finding \vec{R} Using Perpendicular Components
 3. Check -> Worksheet: Force Problems - Type I
 4. Force Problem - Type II: Suspended Objects - Simple
 5. [Worksheet - Type II: Suspended Objects - Simple - HW](#)
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6. Force Problem - Type II: Suspended Objects - Complex
 7. Worksheet - Type II: Suspended Objects - Complex

Physics 122
FA - Finding \vec{R} Using Perpendicular Components
Monday, Feb. 14/17

Three forces act simultaneously on point P. The first force is 10 N east. The second force is 15 N south. The third force is 28 N, 46° S of E. Find the resultant force. (46 N, 50° S of E)