

# Science 10

Friday, February 9/18

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1. Class List/Seating Plan
  2. **Assignment - Autobiographical Poem**  
- 2 Days Late
  3. **Assignment - What's in a Name?**  
- Due: Friday, Feb. 9/18
  4. Periodic Table of the Elements
  5. Chemical Periods and Groups/Families
  6. Characteristics of Metals and Nonmetals
  7. Handout - Periodic Table of Elements - Pink
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8. Atomic Number
  9. Reminder: Bohr Diagrams
  10. Ions
  11. Trends in Ions
  13. Periodic Table of Ions
  14. Duo-tangs: Practice Sheets
  15. Worksheet - Chemistry: Ions and Subatomic Particles

} → Monday  
Feb 12/18

## Physics 112

Friday, February 9/18

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1. Class List/Seating Plan
2. **Assignment - My Alphabetical Autobiography**  
- 2 Days Late
3. Check:  
Worksheet - Conversions and Rearranging Formulas
4. Rearranging Equations
5. **Worksheet - Conversions and Rearranging Formulas - Practice**
6. SA: Basics Skills - Topics
7. **SA - Basic Skills: Wednesday, Feb. 14/18**

## SA: Basics Skills - Topics

1. physics - definition
2. physical quantity - definition
3. measurements - two parts
4. scientific notation
5. accuracy/precision - definitions, interpret scenario
6. significant digits - in a given measurement
  - Precision (+ and -) & Certainty (x and  $\div$ ) Rules
7. SI system - quantities and 7 base units (names/symbols)
  - derived units
8. SI prefixes - names, symbols and powers of ten
9. metric conversions - 1 step
  - 2 steps
  - m/s  $\longleftrightarrow$  km/h
10. rearranging equations

## Physics 122

Friday, February 9/18

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1. Class List/Seating Plan
  2. FA - Learning Targets DE1.1 and DE1.2
  3. [Worksheet: Force Problems - Type I - Practice](#)
  4. Static Equilibrium
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5. Type II: Suspended Objects - Simple
  6. Example - Type II: Suspended Objects - Simple
  7. Worksheet - Type II - Simple
  8. Type II: Suspended Objects - Complex
  9. Example - Type II: Suspended Objects - Complex
  10. Worksheet - Type II - Complex

**Formative Assessment - Perpendicular Components (DE1.1)**

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Determine the perpendicular components of a force vector with a magnitude of 29 N and a direction of  $47^\circ$  S of W.

**Formative Assessment - Calculating  $\vec{R}$  Using Perpendicular Components (DE1.2)**

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Determine the resultant of 243 km,  $50.0^\circ$  N of E and 57.0 km,  $20.0^\circ$  S of E.

## Science 122

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1. Class List/Seating Plan
  2. Convex Mirrors
  3. Convex Mirrors - Ray Diagrams
  4. Mirror Equation
  5. Magnification Equation
  6. [Worksheet - Spherical Mirrors - Practice](#)
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