Physics 112

Friday, February 14/20

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1. Summative Assessment - Date: Feb. 14/20
2. **Independent Practice:U1-S1 - Vector Analysis**

Physics 122

Friday, February 14/20

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1. **IP - 2D Force Problems (Type II)**
   IP - 2D Force Problems (Type II)
   IP - 2D Force Problems (Type III)

2. FA - 2D Force Problem (Type III)

Science 122

Friday, February 14/20

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1. FA - Double Lens Problem
2. **Review: Mirrors and Lenses**
3. SA - Optics -> Date: Wed., Feb. 19/20

Science 10

Friday, February 14/20

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1. Summative Assessment: Periodic Table of Me, Myself and I
   Due - Friday, Feb. 7/20
   5 Days Late Today

*Get Sheets Initialed for Possible Re-assessment

2. SA - Chemistry #1
   - Date: Wed. Feb. 19/20

3. FA - Standard Atomic Notation and Bohr-Rutherford Diagram
   - Checked in Class

4. Worksheet - Bohr-Rutherford Diagrams: Atoms to Ions

5. Periodic Table of Ions - To Be Continued

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6. Worksheet - Chemistry: Ions and Subatomic Particles

7. Naming Monatomic Ions

8. Nomenclature Worksheet #1 - Monatomic Ions

9. FA - Atoms and Ions

10. Handout - Ionic Compounds

12. Simple Binary Ionic Compounds

13. Nomenclature Worksheet #2 - Simple Binary Ionic Compounds

Science 10

Topics: SA - Chem #1

1. chemistry
2. matter
3. types of properties: physical and chemical
4. types of changes: physical and chemical
5. atoms -> building blocks of matter
   -> three subatomic particles: p^+, n, e^-
   -> locations of three subatomic particles
   -> electrically neutral: $\#p^+ = \#e^-$
6. element
7. chemical symbols
8. periodic table of the elements - periods (rows)
   - groups/families (columns)
   - family and period names
   - location of metals, nonmetals and metalloids
   - characteristics of metals and nonmetals
9. atomic number = number of protons = # electrons (for atoms)
10. standard atomic notation -> mass # is atomic weight rounded to the nearest whole number
    -> #N = mass # - atomic #
11. Bohr-Rutherford Diagrams (for atoms)