Science 9

Monday, September 23/19

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Student Data Collection Sheet - Return ASAP

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1. 2nd Attempt -> SA - Scientific Method and Experimental Design
   - Noon, Sept. 23/19

2. Worksheets - Scientific Notation Mazes (2)

3. Examples of Conversions -> Continue

4. Worksheet - Conversions

312-2 -> Describe and classify the major components of the universe: nebulae, galaxies, giant stars, dwarf stars, quasars and black holes.

5. Read "The Life Cycle of Stars" Handout

6. Concept Map - The Life Cycle of Stars

Physics 112
Monday, September 23/19

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1. Return:
   SA - Basic Knowledge and Skills

2. Vectors: Direction, Notation & Representation -> Continue

3. Physical Quantities to Know

4. Adding Vectors Graphically
   -> Head-to-Tail Method
   -> Parallelogram Method

5. Worksheet - Order of Vector Addition

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6. Handout - Range of Resultant Magnitudes

7. Review: Primary Trigonometric Ratios

8. Review: Law of Pythagoras

9. Rubric - Adding Vectors Analytically

10. Worksheet: U1-S1 ⟶ Vector Analysis

Physics 122

Monday, September 23/19

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1. Question?
   Worksheet - 2D Force and Static Torque Problems
            -> Mandatory: <u>Push/Pull Problems</u>
            -> Mandatory: <u>Suspended Object Problems</u>
            -> Inclined Plane Problems

2. FA: Pull/Push Problem -> LC was Due Sept. 19/19

3. FA: Suspended Object - Complex (FP1.7)
                        - Deadline: Wed., Sept. 25/19

Science 10
Monday, September 23/19

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1. Return: SA - Chemistry #1

2. SA - Your Name in Chemical Symbols
   - Due: Today, Sept. 23/19

3. FA – Atoms and Ions

4. Simple Binary Ionic Compounds - Continue

5. Nomenclature Worksheet #2: Simple Binary Ionic Compounds

6. Polyatomic Ions

7. Ionic Compounds Containing Polyatomic Ions

8. Worksheet #3: Ionic Compounds Containing Polyatomic Ions

9. Transition Elements

10. Multivalent Metals and Their Ions

11. Ionic Compounds Containing Multivalent Metals

12. Worksheet - #4: Ionic Compounds Containing Transition Elements

13. Recap: Types of Ions