

Physics 112

Friday, September 15/17

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1. **Assignment - Alphabetical Autobiography**
- Check in by the end of today, Sept. 15/17.

2. Summative Assessment - Basic Skills

3. Concept Sheet -> Unit 1 - Section 1: Vector Analysis

4. Unit 1 - Learning Targets

5. Mechanics

6. Types of Physical Quantities - To Be Continued

7. Vectors: Direction, Notation and Representation

8. Adding Vectors Graphically

9. Range of Resultant Magnitudes

10. Rubric: Vector Analysis

11. Worksheet

Physics 122

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1. Return -> FA - Push/Pull
2. Check -> Worksheet - Type II - Complex
3. Type III - Inclined Plane Problems
4. [Examples - Type III: Inclined Plane Problems](#)
- HW: Finish Example #2

5. Worksheet - Inclined Planes
6. Worksheets - Force Problems - Type I, II and III

Formative Assessment - Pull Problem S14/17

A block is pulled along a horizontal surface by a string. The string makes an angle of 30° to the horizontal and is pulled by a 100 N force. If the coefficient of friction between the surface and block is 0.23, and the magnitude of the acceleration of the block is 1.7 m/s^2 , what is the mass of the block? (25 kg)

Science 10

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1. **Assignment - Autobiographical Poem**
Due: Friday, Sept. 8/17
5 Days Late
 2. **Assignment - Your Name in Chemical Symbols**
- Due: Today -> Friday, Sept. 15/17
 3. Check -> Worksheet #2 - Simple Binary Ionic Compounds
 4. Polyatomic Ions
 5. Ionic Compounds Containing Polyatomic Ions
 6. **Worksheet #3 - Ionic Compounds Containing Polyatomic Ions**
- HW P5
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- P5
7. Transition Elements
 8. Multivalent Metals and Their Ions
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- P4
9. Ionic Compounds Involving Multivalent Metals
 10. Worksheet #4