

Explain That Stuff - Feb. 26/16

1. Meetings -> Quiz - Basic Skills
 2. Physics Lab - Second Attempt by Friday (Optional)
 3. Review: Law of Pythagoras and Primary Trig Functions
 4. Examples and Rubric: Vector Analysis - Analytical
To Be Continued
 5. Worksheet - Analytical Manipulation of Vectors
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6. Describing Motion - Frames of Reference
 7. Distance, Position, Displacement
 8. Gecko Demo
 9. Time, Speed, Velocity, Acceleration
 10. Directions of Velocity and Acceleration
 11. Types of Motion: Uniform and Uniformly Accelerated Motion
 12. Assignment: U1-S1

Lab Reports:

1. Cover Page -> Physics 112
Physics 112
2. Recorder -> ①
3. Team Members -> Everybody but the recorder.
4. Purpose: ①
Materials: ①
Procedure: ①
5. Observations + Data

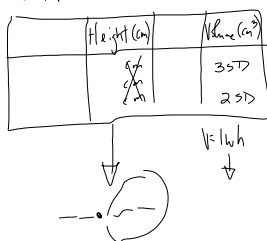


Table 2.

Number of Pages	Total Thickness (mm)	Average Thickness (1 page)
1	0.1	—
50	4.5	$4.5/50 = 0.090$
75	7.0	0.093
100	9.0	0.090

6. Analysis.

- ① 1. ←
- ② 2. 1 page - thickness
- ③ 3. 100 pages

$$\frac{14}{10} = \frac{14}{10}$$



Science 122

Tuesday, February 23/16

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1. Check -> FA - MC: Magnetic Fields and Hand Rules
 2. Forces Between Two Straight Parallel Wires
 3. Electric Motors - To Be Continued

4. Quiz - Start to Electric Motors -> TBA

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5. The Magnitudes of Magnetic Fields
 6. Worksheet - Magnetic Field Produced by a Wire
 7. The Force On A Wire Due To A Magnetic Field
 8. Worksheet: The Force On A Wire In a Magnetic Field

Science 10

Tuesday, February 23/16

 <http://mvhs.nbed.nb.ca/>

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1. Check -> Worksheet -> Practice - Binary Covalent Compounds
 2. Recap: Types of Compounds
 3. [Worksheet - Mixed Ionic/Covalent Compounds #1 - HW](#)
 4. Assignment - Mixed Compounds
- Thursday, Feb. 25/16
 5. Counting Atoms - To Be Continued
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6. Worksheet: Counting Atoms in Compounds
 7. Chemical Reactions
 8. Law of Conservation of Mass
 9. Balancing Chemical Reactions
 10. Worksheet - Balancing Chemical Reactions
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Physics 122

Tuesday, February 23/16

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Explain That Stuff - Feb. 26/16

1. Return -> Last Week's Explain That Stuff
2. Check -> Worksheet -> Text: Chapter 5 -> Page 191, #25
Page 194, #27, 28
-> More on Backside of Sheet
3. Worksheet - Force Problems: Type I, II and III
4. Worksheet - Extra Force - Problems: Type I, II and III
5. Assignment -> U1-S1: Force Problems
-> **Wednesday, Feb. 24/16**