Science 122

Wednesday, October 5/16

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1. Summative Assessment - Magnetism -> Connections
2. Plane Mirrors
3. POST - Characteristics of an Image
4. POST for an Image Created by a Plane Mirror
5. Spherical (Curved) Mirrors - Terms to Know
6. Concave Mirrors
7. Ray Diagrams
8. Worksheet - Ray Diagrams for Concave Mirrors - HW

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9. Convex Mirrors
10. Ray Diagram
11. Mirror Equation
12. Magnification Equation

Physics 112

Wednesday, October 5/16

Midterm - Wednesday, Nov. 9/16

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1. Summative Assessment - U1: S1 and S2
2. Worksheet - Motion Problems - HW

Physics 122

Wednesday, October 5/16

Midterm - Tuesday, Nov. 8/16

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1. Experiment 5.2 - Friction
   - Due: Friday, Sept. 30/16
   - 3 Days Late

2. FA - Static Torque

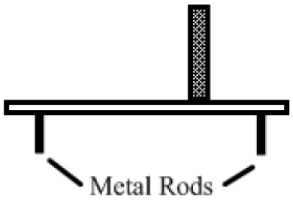
3. Worksheet - Static Torque #1
   Worksheet - Static Torque #2

4. SA - Force and Static Torque Problems
   - Thursday, Oct. 13/16

5. Experiment 10.2 - Torques (Page 67)

Formative Assessment - Static Torque
October 5/16

A bookshelf made of a uniform wooden board 1.5 m long weighs 20.0 N and is supported by two thin metal rods each 5.0 cm from its ends as shown in the diagram. A book weighing 16.0 N is placed upright on the shelf at a distance of 0.400 m from the right metal rod. Calculate the force each rod must exert on the board to maintain static equilibrium.



Science 10

Wednesday, October 5/16

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1. September Progress Reports
2. Return -> Test #1 - Chemistry to the End of Compounds
3. Worksheet - Balancing Chemical Equations
4. Types of Chemical Reactions
5. Formation/Synthesis Reactions - General Format
   - Examples
6. Decomposition Reactions - General Format
   - Examples

7. Worksheet - Formation and Decomposition Reactions
8. Single Replacement Reactions
9. Double Replacement Reactions
10. Worksheet - Single and Double Replacement Reactions