

# Physics 112

Monday, October 15/18

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1. FAs from Previous Sections
2. Return FA - Kinematic Equation #2  
Submit - LC and Justifications  
Graphical Tracking Sheet
3. Questions?  
Worksheet - Motion Problems
4. Acceleration due to Gravity
5. Freely Falling Bodies
6. Worksheet - Freely Falling Bodies - There will be time in class tomorrow to work on these problems.
7. FA - Kinematic Equation #2, 3 and 4

# Physics 122

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1. All FAs U1 - S1&2 Should be Submitted
  2. **SA - U1 S1&2 -> Tuesday, October 16/18 (~10 minutes/problem)**
    - Calculate  $\mathbf{R}$  using perpendicular components of two or more vectors.
    - Solve a push/pull problem.
    - Solve a suspended object problem (complex).
    - Solve an inclined plane problem.
    - Solve a static torque problem with only vertical forces.
    - Solve a static torque problem with forces acting at angles.
  3. Worksheet - Relative Velocity (Textbook Problems)
  4. Intersection Problems
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5. Worksheets - More Relative Velocity Problems

## Science 10

Monday, October 15/18

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1. Word Equations  
Chemical Equations  
Law of Conservation of Mass
2. Examples - Balancing Chemical Equations
3. [Worksheet - Balancing Chemical Equations - Try Some](#)
4. Progress Reports - Check for Items Owing - P4 will get reports  
Tuesday.