Science 9
Monday, December 9/19

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1. Check:
   Worksheet - Mitosis Practice

2. Meiosis - Video Clip
            - Notes

3. Worksheet - Meiosis Practice - Complete for Tomorrow

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4. Mitosis vs Meiosis (Venn Diagram)

5. Genetics

6. Landmarks in Genetics

Physics 112
Monday, December 9/19

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1. Questions?
    Worksheet - Work -> Mandatory Problems

2. FA - Work (5)
    LC - Due: Tuesday, Dec. 10/19

3. Unit 3 - Section 2: Types of Energy and Work-Energy Theorems

4. Types of Energy: Kinetic and Potential

5. Kinetic Energy

6. Work-Kinetic Energy Theorem

7. U3-S2: Types of Energy and Work-Energy Theorems
      -> Kinetic Energy
      -> Work-Kinetic Energy Theorem

Physics 122
Monday, December 9/19

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1. Check
   Worksheet - Simple Harmonic Motion

2. FA - SHM: Mass on a Spring
   LC - Due Tuesday

3. Projectiles Fired at an Angle

4. Worksheet - Projectiles
                  ->   Projectiles Launched Horizontally
                  ->   Projectiles Fired at an Angle

Science 10
Monday, December 9/19

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1. Questions?
   SA: Physics #2 - Date -> _Tuesday, Dec. 10/19_____

2. Questions?
   Worksheet: <u>Constant Velocity</u> and Average Velocity Problems
   Problems: #4, 5, 6, 7, 8, 11, 12, 15

3. Representing Vector Quantities

4. Resultant (Final) Displacement

5. Average Velocity

6. Sample Problems

7. Worksheet: Constant Velocity and Average Velocity Problems

8. Position vs Time Graph

9. Worksheet - Position vs Time Graph

Topics - SA: Physics #2

1. Plot and label points in the four quadrants.

2. Write the coordinates of a plotted point.

3. Determine the slope of a line using:

$$m = \frac{rise}{run} \quad \text{OR} \quad m = \frac{y_2 - y_1}{x_2 - x_1}$$

4. Draw and label a distance vs. time graph.

5. Be able to determine the speed of an object from a distance vs. time graph.

6. Match a graph to a story/interpret a graph.

7. Answer questions about distance vs. time graphs.

8. Solve average speed problems.