


Science 9

Friday, December 6/19

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

-
1. Activity: Construct a 2D DNA Molecule
Due - Nov. 29/19
4 Days Late Today
 2. Hands-On Activity: Mitosis -> Continue
 3. Video - Mitosis (Animation)
 4. Video - Mitosis (Real Microscopic)
 5. [Worksheet - Mitosis Practice - Complete for Monday](#)

6. Meiosis

Physics 112

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

Friday, December 6/19

Door

1. 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

Friday, December 6/19

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



1. Check
Worksheet - Simple Harmonic Motion
2. Return:
FA - SHM: Pendulum
LC - Due Thursday
3. FA - SHM: Mass on a Spring
LC - Due Tuesday
4. Worksheet - Projectiles
-> Projectiles Launched Horizontally

Science 10

Friday, December 6/19

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



<http://mvhs-sherrard.weebly.com/>



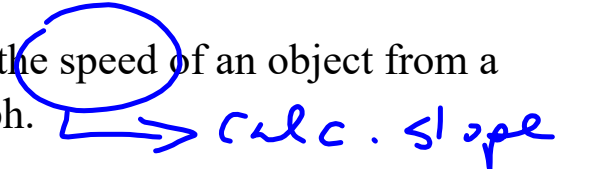
1. Questions?
SA: Physics #2 - Date -> Tuesday, Dec. 10/19
2. Worksheet - Position and Displacement (100 Acre Wood)
3. Formula Sheet
4. Velocity
5. Calculating Velocity
6. Sample Problem #1
7. Worksheet: [Constant Velocity](#) and Average Velocity Problems
Try some constant velocity problems: #4, 5, 6, 7, 8,
11, 12, 15

8. Representing Vector Quantities
9. Resultant (Final) Displacement
10. Average Velocity
11. Sample Problems

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:

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

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.