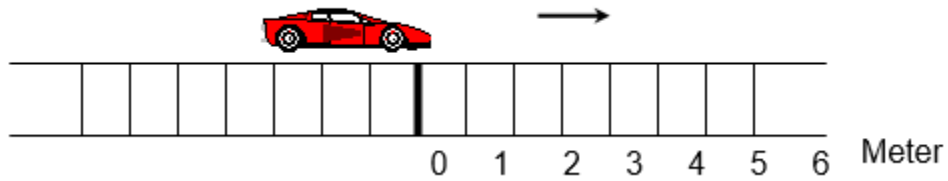
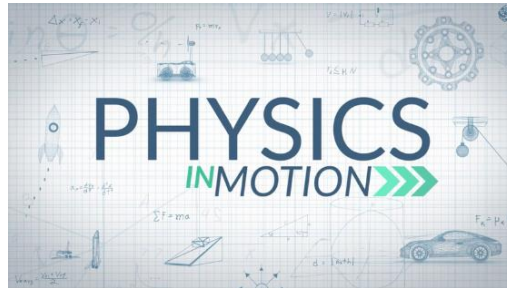


SCIENCE 20F

PHYSICS



WORK PACKAGE 11

TUESDAY MAY 26TH

Unit 4 - Physics

Last work package you may have completed lesson package 1,2,3 and completed the first assignment – **Physics Assignment 1** for marks and sent it back to me at the school. Today we continue with the next set of lessons in the Physics Unit and the next assignment to be handed in, **Physics Assignment 2**.

Today we continue with the condensed version of the Physics unit. **Lessons 4,5 Package** are the lessons to focus on today and this week. Remember to use and consult your **Physics References – Terms and Equations** document to help you understand the lessons and complete the assignments.

This week's Assignments

| <u>Lesson #</u> | <u>Possible dates for completion</u> |
|---|---|
| <u>Physics Lessons 4,5 Package</u> | June 2nd |
| <u>Physics Assignment 2</u> | June 2nd |

This week's instructions

Read through the lessons and complete the work that follows each lesson in the notes. Further explanations below:

Physics Lessons 4,5 Package includes 2 individual lessons:

- Lesson 4: **Graphing Velocity**

Notes: Read the notes and familiarize yourself with the physics terms; Slope, Speed, Velocity, $\Delta d \rightarrow (\text{delta } d)$, $\Delta f \rightarrow (\text{delta } f)$!

Work: (Learning activity 3.5 Velocity on a Graph) Draw examples of motion and determine whether the motion is fast, slow or constant. Look back at your notes if needed.

- Lesson 5: **Velocity, Time, and Accelerated Motion**

- **Notes**: Read the notes and try to understand calculating average velocity, acceleration, and uniform motion.

- **Work**: (Learning activity 3.6 Velocity and Acceleration) Only answer questions: 1, 2, 3, 4, 5, 8 and 9. – **I am not expecting you to complete questions 6 and 7**, unless you really want to. 😊

Remember to consult with your References Document I gave you: **“Physics References – Terms and Equations”**. This document will help you complete the assignments. It was included in the last work package only!

Physics Assignment 2: This assignment is for marks and is very similar to the “work” you completed in the lessons. The questions are primarily on displacement and Velocity. Use the notes and your previous work to complete this assignment. Once it is completed, please remember to send it back to school. Please put your name at the top! **It is out of 20 points!**

As you continue to work through these work packages, keep in mind that only assignments need to be turned in, not full lessons of notes. You can keep your notes and Work Package instructions at home!

I do not need to see the Physics work you completed in the “lessons – 4,5”. I only want you to turn in the assignments for marks such as Assignment 2! (20 marks). Thank You.

Physics Assignment 2: needs to be completed and handed back in, to me when you can.

Please remember to put your name on your assignments, first and last name!

If you have any questions or concerns, please don't hesitate to contact me:

At school – Phone: (204) 367-2296

At Home – Phone: (431) 808-0816

Email: **M. Puranen** at kpuranen@sunrisesd.ca