

## Performance Task - Day 1

For the Day 1 task, you will be creating a short video (3 minutes or less) to explain the answer to **TWO** of the following questions:

- 1) How can you apply the **key** ideas from the Kinematics unit into the following video?
- 2) How can you apply the **key** ideas from the Forces unit into the following video?
- 3) How can you apply the **key** ideas from the Energy unit into the following video?

Your solutions need to include the following:

- The question that you are solving (ie. write out the original question on your page)
- What formulas/concepts/identities you are using to solve your question.
- Your own clear **explanations in words** for each step as you are writing your solution
- Your answer must be explained with mathematical solutions AND another way (ex - use of diagrams, descriptions, graphs...whatever makes the most sense for your question.
- *Given the **open-ended** nature of these questions, you may want to make up variables for equations.*

How you choose to approach this question is up to you - this is your chance to prove what you've learned this year & apply it to a real-world situation.

**Please don't stress about being on camera!** You are not required to show your face - **you can simply film your hand as you write on your page** (as you've seen in many of the videos posted in this course!), and of course, **I must hear your explanations**. In the past, we've found students were able to film their own video, by just perching their camera on a pile of books, or something similar. Just make sure that your page is in the frame and that you've recorded both sound and video. Make sure to watch your videos before you submit just to make sure I can hear you and see your writing.

Your **videos** will be submitted through YouTube using your HDSB account (don't worry, by making them "Unlisted" only the person you send the links to will be able to see them!). **You will provide me your links in the Assignment Dropbox folder.**

Please make sure to watch these instructions right now, so you'll know how to upload your videos to Youtube and how to submit:

## [YouTube Upload Instructions](#) ← **CLICK HERE! IMPORTANT!**

Each video must be under 3 min - ***brevity and conciseness are encouraged!***

***The following is the rubric by which you'll be graded:***

<b>Criteria</b>	<b>Level 4</b>	<b>Level 3</b>	<b>Level 2</b>	<b>Level 1</b>	<b>Total</b>
<b>Communication</b>	<i>Video is very well organized and concise</i>	<i>Video is well organized</i>	<i>Video is somewhat organized</i>	<i>Significant issues with video organization</i>	/4
<b>Accuracy of Answer</b>	<i>Solutions are logical, all steps are well explained, there are no mistakes</i>	<i>Solutions are logical, all steps are well explained, there are few mistakes</i>	<i>Solutions and/or flow of video may have some issues and/or some errors</i>	<i>Solutions are illogical and/or have many errors</i>	/4
<b>Procedure</b>	<ul style="list-style-type: none"> <li>- Video submitted on time</li> <li>- Orientation is correct</li> <li>- Writing legible</li> <li>- Audio clear</li> </ul>	Three of: <ul style="list-style-type: none"> <li>- Video submitted on time</li> <li>- Orientation is correct</li> <li>- Writing legible</li> <li>- Audio clear</li> </ul>	Two of: <ul style="list-style-type: none"> <li>- Video submitted on time</li> <li>- Orientation is correct</li> <li>- Writing legible</li> <li>- Audio clear</li> </ul>	One of: <ul style="list-style-type: none"> <li>- Video submitted on time</li> <li>- Orientation is correct</li> <li>- Writing legible</li> <li>- Audio clear</li> </ul>	/2
<b>Total:</b>					/10