ONLY BECAUSE I KNOW YOU ALL LOVE YOUTUBE… :)

Hello All,

I will not be able to go to school this week but here is the work that I am expecting you to complete during the two days of class I will be missing. Please take it seriously and do the work during class. If you are talking and not really doing the work, I will assume that you know how to solve these problems and move on to the next unit for when I come back.

I am going to ask you to watch some youtube videos that I found on kinematics. These are helpful because people will be explaining you step by step how to solve these problems.

Helpful things to know about the videos:

1- the formulas they are using are the same as the ones reviewed in class. The notation of some of the variables may vary but they are the same formulas.

2.- All objects accelerate at the same rate due to the effect of gravity. This means that a feather and a book accelerate at the same rate (gravity pulls them down at the same rate). This acceleration caused by gravity is ALWAYS 9.81 m/s squared.

You must complete this work by Wednesday. If you are not able to finish it, then it will be HOMEWORK. I will be checking it on Monday. I will also check the problems that were due this week.

#1- Watch this video on speed, acceleration and velocity.

<http://www.youtube.com/watch?v=rZo8-ihCA9E>.

You MUST take notes. Even though we went over this in class, I think that a lot of you still have questions about the concepts. Take notes and copy/solve the problem presented at the end of the video. If you do not need to watch the procedure on how to solve it, then just pause the video, solve it and check your answer by fast forwarding the video.

#2- These problems are sample problems involving the concepts from video in #1. Copy each problem in your notebook and solve them. Again, if you do not need to watch the procedure, just solve it and check your answer.  <http://www.youtube.com/watch?v=VVueCq2HUJQ>

#3 The videos below will present you with a quick review on the kinematics formulas and will provide you with sample problems. Watch them, take notes and copy/solve all of the problems mentioned.

<http://www.youtube.com/watch?v=hD0ineZXpcw>

<http://www.youtube.com/watch?v=9Yvljd1IsVo>

<http://www.youtube.com/watch?v=jHNiypVd1hQ>

<http://www.youtube.com/watch?v=n_Od92zo2DA>

<http://www.youtube.com/watch?v=Fw83cXoWTkI>

#4 The following videos are kinematics sample problems. Copy/solve all of them in your notebook

<http://www.youtube.com/watch?v=1iSEBw0Bans>

<http://www.youtube.com/watch?v=ZugScoqI_h4>

<http://www.youtube.com/watch?v=TKatNKTLw00>

<http://www.youtube.com/watch?v=wuMOApwag30>

After finishing all of this work, you guys should be experts in kinematics problems… mmm.. maybe I will give you a short test on Monday when I come back? I don´t know.. I will think about it..