Monday, November 9, 2015

LT: I can explain and calculate acceleration

Entry Task: Which graph shows acceleration? Explain.

Today:
Correct Ch. 4.3 Voc, Qs and Problems (P 3 & 6)
Acceleration Lab - finish graph & conclusion
## Conclusion

<table>
<thead>
<tr>
<th>What</th>
<th>How</th>
</tr>
</thead>
</table>
| **Claim** | R - restate the question and...  
A - answer the question conclusively! Explain the effect of the IV (MV) on the DV (RV) |
| **Evidence** | D-HIGH - write out the highest result from the data table and say which IV condition caused it.  
D-LOW - write out the lowest result from the data table and say which DV condition caused it.  
NOTE: The data you cite should be the average if you did multiple trials. |
| **Reasoning** | S - subtract to give the range of data and compare how much greater, faster, smaller, etc.  
S - give a scientific explanation for the trend in the data or explain why there isn't a trend. |
EXIT TASK: Right fielder Mary threw the ball to Kathryn at second base with a constant speed of 4 m/s. Was the ball accelerating? Explain.
Tuesday, November 10, 2015

LT: I can explain and calculate acceleration

Entry Task: What is a force? What is the effect of a force?

Today:
Correct Ch. 4.3 Voc, Qs and Problems (P 6)
Speed & Acceleration Quiz
Ch. 5.1 Reading OR Acceleration Conclusion
EXIT TASK: Thinking back to your Egg Drop container, was it accelerating? If so, what caused it to accelerate?
Thursday, November 12, 2015

LT: I can explain what a force is and variables that affect forces.

Entry Task: Which person will move more easily? Why?

Today:
Intro to Forces - Phet Simulation Activity
Phet Simulation Activity: 
Forces and Motion Basics

You may work with 1 other person.

You will go through 3 activities:
1. Net Force
2. Motion
3. Friction

All questions will be answered in your Composition notebook.
EXIT TASK: Joe's mass is 60 kg on Earth and on Mars. His weight on Earth is 588 Newtons, but on Mars his weight is 222 Newtons. How can his mass stay the same, but his weight differ on the two planets?
Friday, November 13, 2015

LT: I can explain what a force is and variables that affect forces.

Entry Task: What is the difference between the force of a bat on a ball and the force of a magnet on small pieces of iron?

Cool Friday Thing!

Today:
Correct Entry/Exit Tasks
5.1 Book work
Collect notebooks