**Journals**

The purpose of a journal is to communicate that you understand all aspects of the activity so that you can apply the concepts when needed. Here is a general idea of what needs to be communicated.

1) Are the activities completely and thoroughly represented? IE: Worksheets, solutions, pics of whiteboards, individual work, Class Discussions

2) Is there legitimate evidence of “learning” reflections for each activity, not just repeating notes and results?

1. Connecting logic and reasoning (Not a summary but an expansion of notes. How did we as a class logically piece information together?)
2. Is evidence referenced and provided for each conclusion? Individual observations/Data, Team conclusions, Class Data/support (What did I find? What does this tell me? How do I know?)
3. Student/Class misconceptions are addressed, explained and clarified. Student Questions/Concerns about material. What specific areas/topics still feel shaky? What questions do you need answered to make you feel like you have solidified the concept(s)?

Grading:

I will pick a few Activities/Scenarios to be graded. 5 points will be awarded for each chosen section that meets the minimum criteria. Thus, each journal check can be worth between 15-35 points dependent on the number of activities/scenarios selected.

Reminder: This isn’t just a reflection of your individual learning but of the class learning outcomes and objectives, as they pertain to the physics of each lesson/activity. Journals should be a reflection of what you learned; however, if you have previous knowledge in a particular area you are to include what you should have learned if you were new to the subject matter.

What is an activity?

Workbook P5-8 would be considered 1 activity. It covers the general topic for position vs time graphs.

What is a scenario?

Workbook P.5 #1-2 would be considered 1 scenario. Those questions address position time graphs for a specific situation. #3-4 would be a different scenario because the conditions have changed.

**Journal Checklist for Credit:**

The following should be completed for each scenario. The following doesn’t have to be in this exact order or format but must be included and thorough to receive full credit.

1. Description of the scenario.
2. Diagrams and visual representations (graphs, motion maps etc)
3. Predictions or pre-thinking ideas. Provide your reasoning. (Can be in bullet points or sentences.)
4. Conclusions and evidence. (Can be in bullet points or sentences.)

Breakdown your thinking. Provide reasoning. (Can be in bullet points or sentences.)

All conclusions and content included. **Individual, group and class perspectives are included.**

1. Follow up with written statement and summary. Complete sentences and 1-2 paragraph(s).

What were the overall take aways? Why does this concept matter? Compare/contrast or show connections to other scenarios. How did your thinking change or what evidence validated your reasoning?

1. What misconceptions or pitfalls does one need to look out for and why?
2. How confident are you about this content on a scale of 0-5. (Fist to 5) 5 is complete understanding, 0 no understanding.
3. What questions do you still need answered?