**ARC Week at Glance**

**Topic: Motion Graphs/ 1 D Motion Course: AP Physics Grade: 10-12 Dates:8/12\_8/23**

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|  | **Learning Target****(I am learning about…)** | **Criteria for Success****(I can…)** | **Activation/ Instruction** |  **Collaboration/ Guided Practice** | **Independent Learning/ Assessment** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* |
| **Monday** | I am learning about average velocity and experimental design | I can design and carry out an experiment that collects data on the average speed of an object | Vector Addition Review Question | **Collect Data for Speed experiments** | Graph and Analyze data for experiment  |
| **Tuesday** | I am learning about position time graphs  | I can develop a position time graph for a variety of situations | Reading and interpreting a position time graph | Position Time Graph Group work  | Position Time Graph (Representing Motion Mini project)---Write an motion story and sketch out the motion graph and an illustration |
| **Wednesday** | I am learning about velocity time graphs | I can develop a velocity time graph for a variety of situations  | Reading and interpreting a velocity time graph | Velocity Time Graph Group work  | Velocity Time Graph (Representing Motion Mini project) ---Write an motion story and sketch out the motion graph and an illustration |
| **Thursday** | I am learning about acceleration time graphs | I can develop an acceleration time graph for a variety of situations | Reading and interpreting an acceleration time graph | Acceleration Time Graph Group work  | Acceleration Time Graph (Representing Motion Mini project)-----Write an motion story and sketch out the motion graph and an illustration |
| **Friday** | I am learning about motion graphs | I can make and interpret motion graphs  |  | Motion Graphing Group Review  | **Representing Motion graphically quiz**  |

\*\*Please highlight your literacy tasks, your major grades and your minor grades. I suggest color coding.