**ARC Week at Glance**

**Subject: Science Course: AP Physics Grade: 10-12 Dates: 10/28/24\_11/1/24**

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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 forces and Newton’s Laws | I can describe the change in acceleration of an object on a frictionless surface with added force | Newton’s Laws Flocabulary | Forces Interactive Virtual Lab | Newton’s 2nd Law Comprehension Check |
| **Tuesday** | **PSAT** | **PSAT** | **PSAT** | **PSAT** | **PSAT** |
| **Wednesday** | I am learning about Free Body Diagrams and Types of Forces | I can draw a free body diagram of an object with forces acting on it | Free Body Diagram Guided Instruction | Free Body Diagram Interactive Group Competition | **Free Body Diagram Mini Project** |
| **Thursday** | I am learning about Newton’s Laws | I can describe Newton’s Laws of motion.  I can calculate the acceleration, force and mass of an object using Newton’s 2nd law | Newton’s Laws Guided Instruction | Newton’s 2nd Law Practice | Newton’s 2nd Law Short Answer Question |
| **Friday** | I am learning about Forces on an incline | I can draw Free Body diagrams for objects on an incline | Free Body diagrams for objects on an incline guided instruction | Drawing Free Body Diagrams practice  Science Fair Introduction | Science Fair Brainstorming |

**\*** Exit Ticket/Final Stretch Check  Electronic Tools  Dry Erase Boards – quick checks  Turn & Talk Discussion (verbal responses)  Teacher Observation – document Clipboard

Quick Write/Draw  Annotation  Extended Writing  Socratic Seminar  Jigsaw  Thinking Maps  Worked Examples  Other : \_\_\_\_\_\_\_\_\_\_\_