**ARC Week at Glance**

**Subject: Science Course: AP Physics Grade: 10-12 Dates: 1/6/25\_1/10/25**

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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 Kinetic energy | I can describe what translational kinetic energy isI can describe how to find translational kinetic energy | Unit 3 Pre-test | Kinetic Energy AP Classroom Notes | Kinetic Energy Practice Question  |
| **Tuesday** | I am learning about Kinetic Energy | I can calculate the kinetic energy of an object in motion | Kinetic Energy Analysis Question | Kinetic Energy Guided practice sheet  | KE TOTD |
| **Wednesday** | I am learning about Kinetic Energy and Potential Energy | I can design and test a roller coaster and compare the amount of kinetic and potential energy | When roller coasters go wrong video- Physics Explanation  | Roller Coaster Inquiry Phet Lab  |  |
| **Thursday** | I am learning about Kinetic Energy and Potential Energy | I can design and test a roller coaster and compare the amount of kinetic and potential energy | When roller coasters go wrong video- Physics Explanation | Roller Coaster Inquiry Phet Lab |  |
| **Friday** | I am learning about Kinetic EnergyI am reviewing Unit 1  | I can find the kinetic energy of an object in motionI can answer an AP style FRQ on Unit 1 content | Free Response Friday: Work through a Free Response Question Individually | Peer Review and teach Free Response Question | Kinetic Energy Quiz |

**\***[ ]  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 : \_\_\_\_\_\_\_\_\_\_\_