**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 is  I 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 Energy  I am reviewing Unit 1 | I can find the kinetic energy of an object in motion  I 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 : \_\_\_\_\_\_\_\_\_\_\_