**ARC Week at Glance**

**Topic: Dynamics Course: AP Physics Grade: 10-12 Dates: 9/29/25\_ 10/3/25**

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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 forces and free body diagrams | I can identify the forces acting on an object and create a free body diagram from the object | AP Multiple Choice Question | Go over Net Force/ Free Body diagram worksheet | Forces and Free body diagrams Phet Lab |
| **Tuesday** | I am learning about Newton’s 3rd Law  I am learning about Newton’s 1st Law | I can identify force pairs using Newton’s 3rd law  I can describe the motion of an object using Newton’s 1st law | AP Multiple Choice Question | Newton’s 3rd Law Notes Newton’s 1st Law Notes | Newton’s 3rd Law Reinforcement sheet  Newton’s 1st Law Reinforcement Sheet |
| **Wednesday** | I am learning about Newton’s 2nd Law | I can solve for the force, mass or acceleration of an object using Newton’s 2nd law | AP Multiple Choice Question | Newton’s 2nd Law Notes | Newton’s 2nd Law Reinforcement Sheet |
| **Thursday** | I am learning about Newton’s 2nd Law | I can demonstrate Newton’s 2nd Law using a Modified Atwood Machine | AP Multiple Choice Question | Modified Atwood Machine Lab |  |
| **Friday** | I am learning about Newton’s 2nd Law | I can show my learning about Newton’s 2nd law and Modified Atwood Machines | AP Multiple Choice Question | Go through Modified Atwood Lab | **FRQ Friday!**  **Modified Atwood FRQ question (Minor Grade)** |

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