**ARC Week at Glance—Mrs. Hiatt**

**Topic:** Force and Motion/Waves **Course:** Physical Science **Grade:** 11 **Dates:** 3/24-3/28

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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 simple machines and mechanical advantage. | I can…   * Create a complex machine out of two or more simple machines that effectively solves a problem | Do Now—review simple machines | Finish putting together machinery  Test Runs | Reflection on final machinery |
| **Tuesday** | I am learning about simple machines. | I can…   * Publicly present my designed project, describing the simple machines used, how effective my machine was in solving a problem, and what I would do differently next time | Review material needed in presentation | Listening to project presentations, voting on favorite machine | Project Presentations |
| **Wednesday** | I am learning about waves. | I can…   * Label the parts of the wave for wavelength, frequency, and amplitude. * Define electromagnetic and mechanical waves | Do Now-What do you already know about Waves, What do you want to know about waves | Guided Notes on waves | Label the parts of the wave correctly |
| **Thursday** | I am learning about waves. | I can…   * Define an electromagnet wave * Draw and label the electromagnet spectrum with frequency, wavelength, and examples of those types of waves | Do Now-Wave review (WIS-WIM sentence writing) | Electromagnetic Spectrum coloring and labeling | Finish electromagnetic spectrum |
| **Friday** | I am learning about waves. | I can…   * Explain how frequency and wavelength are related to energy for an electromagnetic wave * Define a mechanical wave | Do Now-Annotating Science Article related to real world application of waves | Literacy Task—Write one page on how frequency and wavelength are related to energy for an electromagnetic wave | Waves Assessment Check |

Literacy Tasks Minor Assessment Major Assessment