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|  | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **CONTENT**  **OBJECTIVE:** | Students will be able to demonstrate ***comprehension*** of wave properties and relationship by ***summarizing*** the key points into a “Two Minute Paper”. | All students will be able to demonstrate ***analysis*** of the wave properties pitch, energy, and volume by ***determining*** what effect they will have on the shape and size of a wave on a type 2 CER with a score of 3 or higher. | All students will be able to demonstrate ***analysis*** of how sound waves operate by ***explaining*** the inaccuracies of a real-world situation on a type 2 writing with a score of 80% or higher. | Waves Quiz | All students will be able to demonstrate ***analysis*** of how sound waves interact with various matter by summarizing the main ideas into a graphic organizer. |
| **LANGUAGE OBJECTIVE:** | Students will read and write to summarize using a “Two Minute Paper”. | Students will write to determine wave type using a type 2. | Students will discuss the experiments and answers using accountable talk stems. |  | Students will read and write in order to summarize. |
| **VOCABULARY:** | Mechanical Wave, Longitudinal Wave, Transverse Wave, Electromagnetic Wave | pitch | medium |  | Diffusion, Absorption, Reflection, Transmission |
| **NGSS:** | **MS-PS4-1:**  Use mathematical representations to describe a simple model for waves that includes how the amplitude of a wave is related to the energy in a wave. | **MS-PS4-1:**  Use mathematical representations to describe a simple model for waves that includes how the amplitude of a wave is related to the energy in a wave. | **MS-PS4-2:**  Develop and use a model to describe that waves are reflected, absorbed, or transmitted through various materials. | **MS-PS4-1:**  Use mathematical representations to describe a simple model for waves that includes how the amplitude of a wave is related to the energy in a wave.  **MS-PS4-2:**  Develop and use a model to describe that waves are reflected, absorbed, or transmitted through various materials. | **MS-PS4-2:**  Develop and use a model to describe that waves are reflected, absorbed, or transmitted through various materials. |