**Catch a Wave Unit Guide—Objective 6.P.1.1**

\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_ are all types of waves with unique properties and there are \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_ between \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and\_\_\_\_\_\_\_\_\_\_\_\_\_ waves.

**Unit Objective(s):**

**Vocabulary:**

|  |  |  |
| --- | --- | --- |
| **WORD** | **DEFINITION** | **How Can I Remember/Recall?** |
| **Sound** |  |  |
| **Earthquakes** |  |  |
| **Disturbance** |  |  |
| **Medium** |  |  |
| **Soundwaves** |  |  |
| **Mechanical Wave** |  |  |
| **Transverse Wave** |  |  |

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| **WORD** | **DEFINITION** | **How Can I Remember/Recall?** |
| **Longitudinal Wave** |  |  |
| **Wavelength** |  |  |
| **Crest/Trough** |  |  |
| **Compression** |  |  |
| **Rarefaction** |  |  |
| **Amplitude** |  |  |
| **Frequency** |  |  |
| **Pitch** |   |  |
| **Decibel/Hertz** |  |  |

\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_ are all types of waves with unique properties and there are \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_ between \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and\_\_\_\_\_\_\_\_\_\_\_\_\_ waves.

**Earthquakes, light**, and **sound** are all types of waves with unique properties and there are **differences** and **similarities** between **electromagnetic** and **mechanical** waves.