Vocabulary Study Cards

Directions: To help you study, cut out the cards and use to match the correct terms.

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| The height of a transverse wave from the center to a crest or trough | Amplitude |
| The distance between two corresponding parts of a wave | Wavelength |
| The number of complete waves that pass a give point in a certain amount of time | Frequency |
|  | High Pitch |
|  | Low Pitch |
|  | Higher Amplitude |
|  | Lower Amplitude  |
| To show the different ampiltudes of a wave you change the \_\_\_\_\_\_\_\_\_\_\_\_\_ of the waves. | Height |
| To increase the amplitude of a wave\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Hit the object with more force |
| To decrease the amplitude of a wave\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Hit the object with less force |
| To increase the frequency of a wave\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Hit the object more times in a given amount of time |
| To decrease the frequency of a wave\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Hit the object less times in a given amount of time |
| Sound cannot travel through | Vacuum |
| Sound can travel through  | Solids, Liquids, gases |
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