

# Waves Study Guide

**6.MS-PS4-1. Use diagrams of a simple wave to explain that (a) a wave has a repeating pattern with a specific amplitude, frequency, and wavelength, and (b) the amplitude (and frequency) of a wave is related to the energy of the wave.**

a. Understands how to define waves

b. Can identify and define the parts of a transverse wave

d. Can understand how amplitude & frequency affects sound waves

## ***Study Resources:***

- Review the slinky activity*
- Review the Flip Grid videos*
- Review the Nearpod posted on website*
- Use the quizlet on the website*
- Play the quizizz*

## ***Strategies:***

- Make wave diagrams and try labeling them*
- Teach friend/family member topic we are studying*
- Create a Explain Everything or other type of presentation to include all info. from study guide or what you need most help with*
- Make flash cards or Quizlet for key definitions (boxed in red on presentation)*
- Make a song/rhyme/rap to help you remember*
  - how waves travel*
  - how amplitude and frequency affect different waves*