

Wave Properties Lab

The purpose of this lab is to familiarize yourself with the different words used to describe waves.
Follow the directions and answer the questions in your lab notebook.

Vocabulary

Frequency - How many times a waves passes a given point in a second.

Wavelength - The distance from one peak to another peak.

Amplitude - The 'height' of the wave, how much thicker it is than a flat line.

1 Rope Demonstration

Your teacher and a student volunteer will demonstrate a simple wave with a rope.

Answer the questions below in your lab notebook.

Q1 - Sketch the wave.

Q2 - Label which direction the wave moves.

Q3 - Where does the energy come from?

2 Wave Properties - Yarn

Q4 -