

Learning Outcomes

Level 4 Vibrations and waves

- You should understand the term Sound
- Most of you will know the types of waves we encounter in Physics
- Some of you will understand the differences between waves
- To understand what amplitude tells us about a wave.
- Most will understand what the term 'frequency' means.
- Work collaboratively to create and experiment that looks at what effect the length of a medium has on the sound it makes.
- You should all understand about different wave properties
- Most of you should be able to Carry out calculations involving the wave speed, wavelength, frequency and period of a sound wave.
- You should all be able to describe one difference between light and sound
- You should all be able to create a method for finding the speed of sound.
- Most of you will be able to analyse findings to calculate the speed of sound
- Most should be able to collaborate to evaluate experimental procedures
- To understand how the human ear works.
- Most will be able to remember the parts of the human ear.
- Work collaboratively to analyse the range of human hearing.

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