

Y4 Good Vibrations (sound)



Key Learning Objectives:

- Understand how sounds are made and associate some of these with vibrating .
- Understand that sounds travel through a medium to the ear.
- Find patterns between the pitch/ volume of a sound and the object that made it.
- Understand that sounds get fainter with distance.



How you can help at home:

- Talk about learning in school.
- Investigate how sounds can be louder/ quieter under water (use bathtime).
- Look at different musical instruments and talk about how they produce sound.

Key Vocabulary

Word	Definition
volume	How loud or quiet a sound is.
pitch	How high or low a sound is.
vibration	A shaking movement that creates a sound wave.
insulate	Material that prevents the intrusion of sound.
material	What something is made from.
source	Point of origin.
distance	How far away something is.
fainter	Becoming less clear.
string instruments	Instruments that can be plucked.
percussion	Instruments that are hit, shaken or scraped to make a sound.