

What I Need to Know: Y4 Science - Sound

We nurture the curiosity to learn, the courage to lead and the compassion to care.

We are learning how sounds are produced and exploring the link between pitch and the strength of vibrations.



Create, Communicate & Evaluate

- Build an effective 'string telephone'



Question, Reason, Discuss & Explain

- Identify how sounds are made, associating some of them with vibration
- Find patterns between the pitch of the sound and the strength of the vibrations that produce it



Know & Do

- Know that vibrations from sounds travel through a medium to the ear

Vocabulary I need to know...

sound, source, vibrate, vibration, travel, pitch (high, low), volume, faint, quiet, loud, insulation

Opportunities to support English and maths

- Skim and scan texts to retrieve information or quotes quickly and accurately
- Summarise main ideas from more than one paragraph
- Make and justify inferences with appropriate evidence from the text
- Provide reasoned justifications for their views, quoting evidence from across a text

Curriculum Links and Enrichment Activities

- String telephones
- DT musical instruments
- Music – pitch and volume of xylophones.