

Y3 Science – Sound



Knowledge

- I can suggest ways to change the pitch and loudness of a range of musical instruments.
- I can identify how sounds are made, associating some of them with vibrations.
- I can recognise the vibrations from sounds travel through a medium to the ear.
- I can find patterns between the pitch of a sound and features of the object that produced it.
- I can find patterns between the volume of a sound and the strength of the vibrations that produced it.
- I can recognise that sounds get fainter as the distance from the sound source increases.
- I can show that sounds are made when objects vibrate. (SC1 – paper cups)

Cross-Curricular links/Past knowledge

Y3 Music

- I can identify different instruments and explore the sounds they make.
- I can classify instruments based on a range of criteria.
- I can explore the different pitches and tones of instruments.

Vocab

Vibrate, vibration, vibrating, air, medium, ear, hear, sound, volume, pitch, faint, fainter, loud, louder, string, percussion, woodwind, brass, insulate.

Working Scientifically

I can sometimes predict outcomes of enquiries. (Jigsaw 4)

In a fair test, I can identify what to keep the same. I am beginning to plan main steps in other types of enquiry. (Jigsaw 3)

I can select appropriate equipment from a range of choices. (Jigsaw 5)