

Topic-Sound



Children used a range of musical instruments to make sound and associated some of them with something vibrating.



Children found patterns between the pitch of sound and the features of the object that produced it.



Exploring Pitch

Instrument: oboe	
Diagram	Observations Think about what you are hitting - does each sound come from hitting a different part?
	How did you make a high sound? <i>It was shorter ✓</i>
	How did you make a low sound? <i>It was longer ✓</i>

Changing Sounds

Arrange each set of instruments in order of pitch by numbering them 1, 2, and 3. (1 being the lowest pitch sound made.)

 1	 2	 3
 2	 3	 1
 2	 1	 3

HOW FAR AWAY DID YOU STOP HEARING THE SOUND?

Use this table to record your results.

Sound source	Distance from the source to where you stopped hearing the sound (metres)
maraca	5.5
clap	7.86
tapping	6.70
chime	100+ 16+
clicking	100+ 16+

Children researched how sound changes over a distance. They discovered that the further away you are from the sound, the quieter the sound is.