



# The Sound Collector



## Vocabulary

Word	Meaning
pitch	A standard degree of highness or lowness used in performance.
notation	A series or system of written symbols used to represent elements in music.
improvisation	A piece of music created spontaneously, or without preparation.
rhythm	A strong, regular repeated pattern of movement or sound.
riff	A short repeated phrase in popular music and jazz.
flat	Musical sound below true or normal pitch.
sharp	Musical sound above true or normal pitch.
Wind instrument	A musical instrument in which sound is produced by the vibration of air, being blown.
String instrument	Musical instruments that produce sound from vibrating strings.
percussion	Musical instruments played by striking, or by shaking.
frequency	The rate per second of a vibration constituting a wave.
vibration	How a sound is made through the change of air particles.
medium	Objects, conditions, or influences, environment or a means, or instrument by which something is accomplished.
vacuum	A space entirely devoid of matter.
wave	Waves involve the transport of energy without the transport of matter.
longitudinal wave	A longitudinal wave is a wave in which the particle movement is parallel to the direction of the wave propagation.

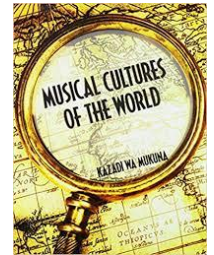
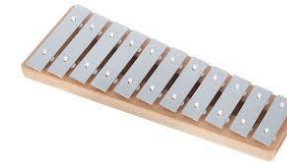
## Areas of Science

Name the parts of the ear.

Understanding how vibrations are made.

How sounds sound travel.

Recognize that sounds get fainter as the distance from the sound source increases.



## Did you know? Fun facts

The term 'pop music' coined in 1926, is short for 'popular music.'

Before composing, Beethoven often dipped his head into cold water.

The harmonica is the world's best-selling instrument.

A grand piano can be played faster than an upright piano.

Termites eat wood twice as fast when listening to heavy metal music!

