

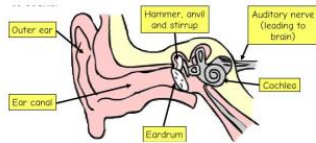
Entry/exit point

Entry: visit a local band / invite a local band to play in school

Exit: Musical performance

Science

- Identify how sounds are made, associating some of them with something vibrating
- Recognise that vibrations from sounds travel through a medium to the ear
- Find patterns between the pitch of a sound and features of the object that produced it
- Find patterns between the volume of the sound and the strength of the vibrations that produced it
- Recognise that sounds get fainter as the distance from the sound source increases



Science- working scientifically

- Ask relevant questions and use different types of scientific enquiries to answer them
- Set up simple practical enquiries, comparative and fair tests
- Know which are control, dependent and independent variables in a fair test
- Identify one or more control variables from those provided when conducting a fair test
- Make observations and take increasingly accurate measurements using standard units (e.g. to a decimal point)
- Use a range of equipment, including thermometers and data loggers
- Gather, record, classify and present data in a variety of ways to help in answering questions
- Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions

SCHOOL KEY DRIVERS

Language

Sound
 amplitude, decibel, energy, frequency, medium, power, soundwaves, vibrate, vibrations, air, source, transmit, travel, pitch, volume, high, low, quiet, loud, faint, eardrums, energy

Working scientifically
 fair test, comparative, accurate, standard units, thermometer, data logger, gather, record, classify, present, data, tables, bar graph, classification

Opportunities

Invite live musicians into school to perform

Explore the lives of music legends

Musical artiste

Diversity

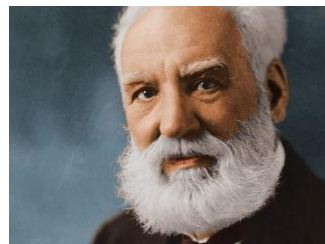
Explore the lives of music legends

Music from different cultures

Scientists

Alexander Bell (1847 - 1922)

Alexander Graham Bell was a Scottish-born inventor, scientist and engineer who is credited with patenting the first practical telephone.



Links to prior learning
 Year 1 Sound

Links to other subjects

Science - Properties of materials

Music - volume and pitch

