

Sound experiences

This task is about giving examples of sound travelling through different materials.

The questions ask you to give examples of sounds in different places.

The first one is done for you.

a) **Sounds travel through water.** Describe a situation when you have heard sounds travelling through water.

When you are under water in a swimming pool you can hear sounds.

b) **Sounds travel through air.** Describe a situation when you have heard sounds travel through air to reach you.

c) **Sounds sometimes travel through air and solid materials like wood or concrete.** Describe a situation when you have heard a sound which has travel through a solid material to get to you.

d) **Sounds are produced by vibrations.** Describe a situation when you have felt sound vibrations.

e) **When sound bounces off objects you can sometimes hear an echo.** Give an example of somewhere you have heard an echo.

Think about your answer above. When you heard the echo, what was the sound bouncing off?

f) **People make objects that produce sound which are useful for us at school and at home.** Give an example of an object at school that makes sounds that are useful.

Give an example of a different object at home that makes sounds that are useful.