

Sound



How is sound generated and how does sound travel?

Carry out the following activities:

- Pluck an elastic band.
- A ruler clamped to the table and tapped.
- Feel your larynx when you speak.

What do they all have in common?

What could you see?

What could you feel?

What does the word vibration mean?



Now sit quietly for 1 minute. What can you hear?

How do we hear the sounds that are outside and around us?

How do the vibrations get to us?

Now put your ear to a table and tap the table.

The sound has travelled through the wood.

What materials has the outside sound travelled through to reach you?

Can sound travel through water?