

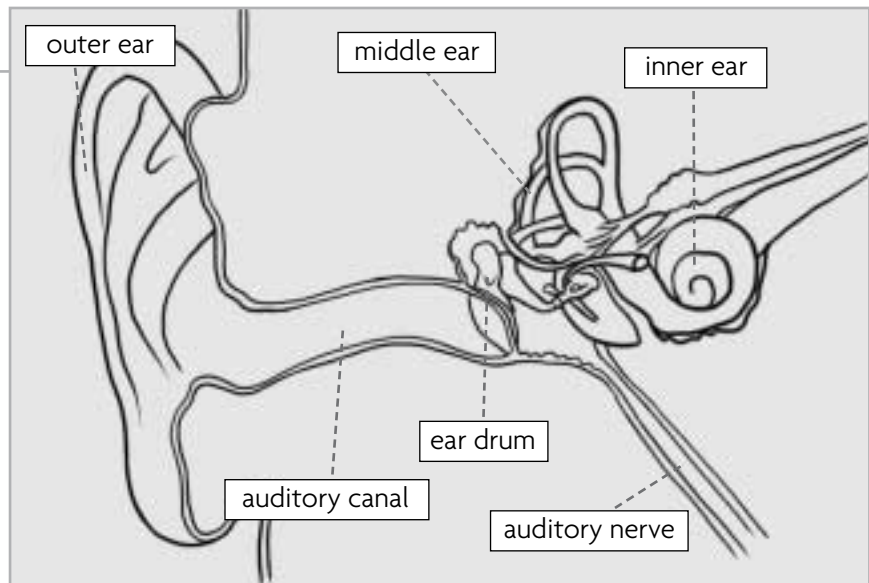
1 Read the text.

Where do sounds come from?

We hear sounds all around us. We hear the wind in the trees, cars moving, people talking, music playing on the radio. All these sounds are in fact vibrations. When an object vibrates it makes a sound wave. The sound wave travels through the air to your ear. Sound waves also travel through the ground and through water. Put your ear to the ground and you can hear the sounds of footsteps and cars.

The sounds of music

So what happens when you play a musical instrument? Different instruments make vibrations in different ways. The violin, guitar, cello and harp are string instruments. They make sounds because their strings vibrate. Percussion instruments, like the drum or the xylophone, vibrate when you hit them.



With wind instruments, like the trumpet or flute, the air vibrates inside the instruments when you blow them. And when you talk, air vibrates when it comes through your vocal cords.

How do your ears interpret all these vibrations and sound waves? This is how! When a sound wave reaches your ear, it goes into your auditory canal and makes your eardrum vibrate. The vibrations pass to the tiny bones in the middle ear and then to the liquid in your inner ear. The auditory nerve sends a message to your brain. Your brain translates the message into a sound – probably one that you recognize!

2 Find the names of eight musical instruments in the passage. Write them under the correct heading.

Percussion	Wind	String
<i>drum</i>		