



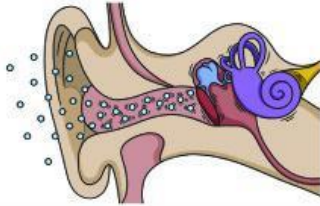



Sound Waves Storyboard

Complete the boxes to describe how sound waves travel through the air from your voice box to your ear.



Sound Waves Storyboard

Energy is transferred from the vocal cords to the air particles with which they are in contact. This causes them to vibrate too.

If vibrating air particles reach the ear before the energy is dissipated, the sound waves are funnelled inside due to the shape of the ear.

The vibrations inside the ear cause nerve impulses to pass to the brain. This allows you to hear people speak.

When vibrating air particles bump into other air particles, they transfer energy. This causes these air particles to vibrate too. This continues until the energy is dissipated.

The vocal cords in the larynx (voice box) vibrate.

Vibrating air particles transfer energy to parts of the inner ear, causing them to vibrate.