

The Science of Sound Quiz

Can you tell your soundwaves from your vibrations?

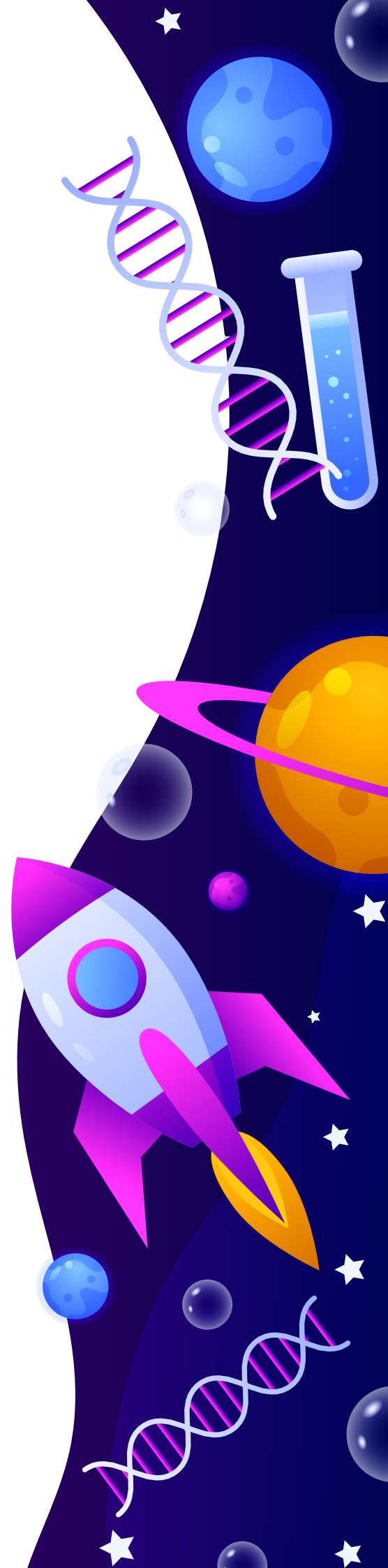
See how you score on sound with this quiz.

- 1.** What is sound?
 - a.** Something we see
 - b.** A vibration that we hear
 - c.** A type of food

- 2.** What do we call the vibration that makes sound?
 - a.** Light
 - b.** Sound waves
 - c.** Water

- 3.** Which part of your body helps you hear sounds?
 - a.** Eyes
 - b.** Nose
 - c.** Ears

- 4.** What happens when something vibrates?
 - a.** It makes sound
 - b.** It changes colour
 - c.** It gets bigger



5. What kind of sound does a short straw make compared to a long straw?

- a.** Lower pitch
 - b.** Higher pitch
 - c.** No sound
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6. Which instrument uses strings to make sound?

- a.** Drum
 - b.** Guitar
 - c.** Trumpet
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7. What vibrates to make sound when you talk or sing?

- a.** Your eyes
 - b.** Your hair
 - c.** Your vocal chords
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8. If you fill a glass with more water and tap it, the sound will be...

- a.** Higher
 - b.** Lower
 - c.** The same
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9. What do you call the distance between two sound waves?

- a.** Wavelength
 - b.** Height
 - c.** Length
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10. What makes a drum sound when you hit it?

- a.** The air inside it
 - b.** The vibrations of the drum skin
 - c.** The colour of the drum
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