

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

B

2. What do we call the vibration that makes sound?

- a.** Light
- b.** Sound waves
- c.** Water

B

3. Which part of your body helps you hear sounds?

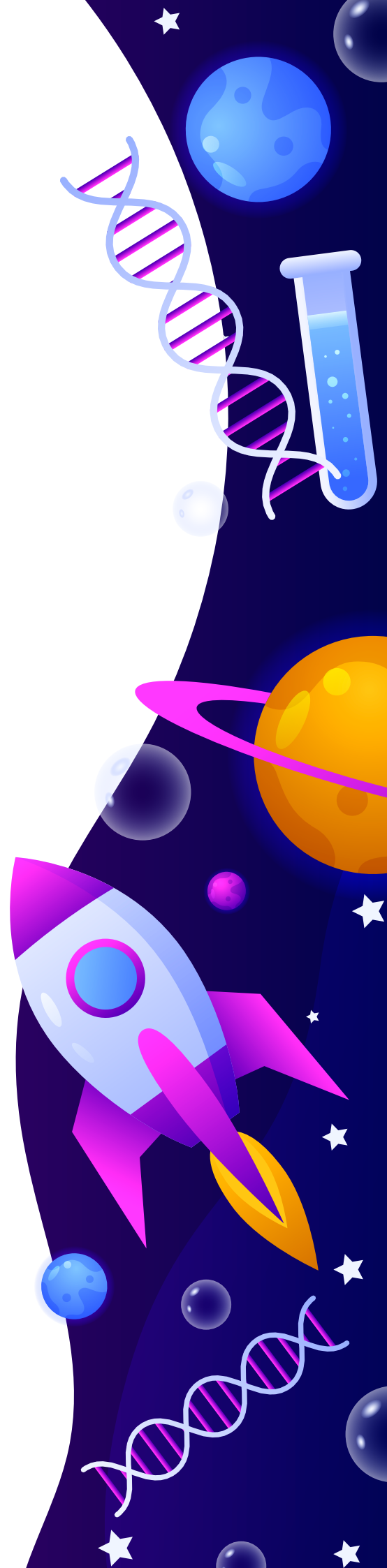
- a.** Eyes
- b.** Nose
- c.** Ears

C

4. What happens when something vibrates?

- a.** It makes sound
- b.** It changes colour
- c.** It gets bigger

A



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

- a.** Lower pitch
- b.** Higher pitch
- c.** No sound

B

6. Which instrument uses strings to make sound?

- a.** Drum
- b.** Guitar
- c.** Trumpet

B

7. What vibrates to make sound when you talk or sing?

- a.** Your eyes
- b.** Your hair
- c.** Your vocal chords

C

8. If you fill a glass with more water and tap it, the sound will be...

- a.** Higher
- b.** Lower
- c.** The same

B

9. What do you call the distance between two sound waves?

- a.** Wavelength
- b.** Height
- c.** Length

A

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

B

