

Name: _____

Date: _____

KS2 Quiz

Unit title: Sound and vibrations

1 What causes sound?

- A Vibrations.
- B The ear.
- C Noises.
- D Mediums.

2 Which parts of a musical instrument can vibrate to produce sound?

- A Strings.
- B Skin.
- C Column of air.
- D All of the above.

3 What is volume?

- A How high or low a sound is.
- B How quiet or loud a sound is.
- C How fast or slow a sound is.
- D How far a sound travels.

4 What causes the volume of a sound to increase?

- A Faster vibrations.
- B Stronger vibrations.
- C Slower vibrations.
- D Weaker vibrations.

5 Which of these statements is true?

- A As the distance from a sound source increases, the volume stays the same.
- B As the distance from a sound source increases, the volume gets louder.
- C As the distance from a sound source increases, the volume gets quieter.
- D Distance and volume have no relationship.

6 Which sound would be caused by the fastest vibrations?

- A A very low sound (25 Hz).
- B A low sound (100 Hz).
- C A high sound (4000 Hz).
- D A very high sound (9950 Hz).

7 Which of these materials would be best at insulating sound?

- A Foam.
- B Paper.
- C Tin foil.
- D Card.

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8 What should be worn to muffle loud sounds?

A A hearing aid.

B Ear protectors.

C Sound proofing.

D Ear drums.

9 Which sound would be the loudest?

A A quiet sound that is far away.

B A loud sound that is far away.

C A quiet sound that is close.

D A loud sound that is close.

10 Why are whales able to send noises up to 1000 miles?