

Sounds: Do You Hear How I Hear?

1. Use the purple words and your scientific knowledge to complete the sentence.

_____ are made when _____ and _____.

objects

sounds

materials

?

1. How does sound travel? (Tick one)

- A. Sound travels in waves.
- B. Sound travels fast.
- C. Sound travels slowly.
- D. Sound does not travel.



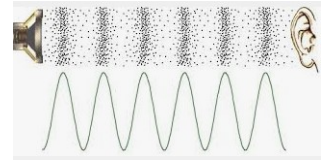
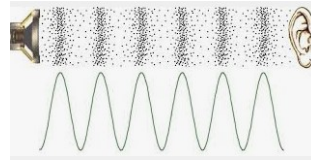
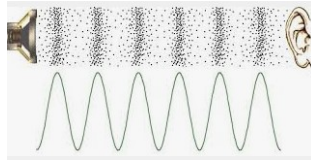
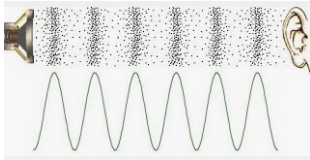
2. What unit do we use to measure sound? (Tick one)

- A. pounds
- B. kilograms
- C. decibels
- D. centimetres



3. How would you **increase** the **volume** of a drum beat?

4. Explain how this would **increase** the **volume**.



5. What does sound **travel** through best? Tick one.

Gas	Liquid	Solid
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Explain why.

5. The tightness of a string on a musical instrument can cause sound to change. What kind of sounds do tighter strings produce? (Tick one)

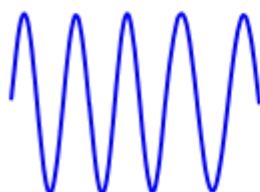
- A. High **volume**
- B. High **pitch**
- C. Low **volume**
- D. Low **pitch**



6. Circle the correct word for this sentence.

High **pitch** sounds create **quicker/slower vibrations** than low pitch sounds.

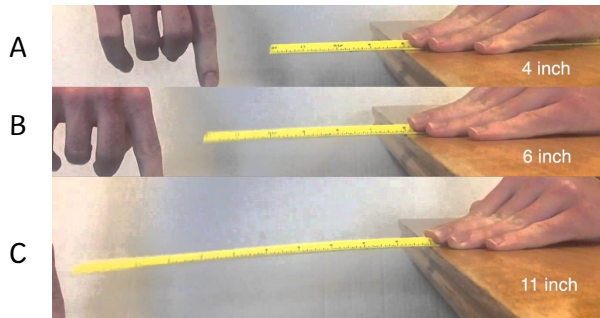
7. Circle the **sound wave below** that shows a **low pitch** sound.



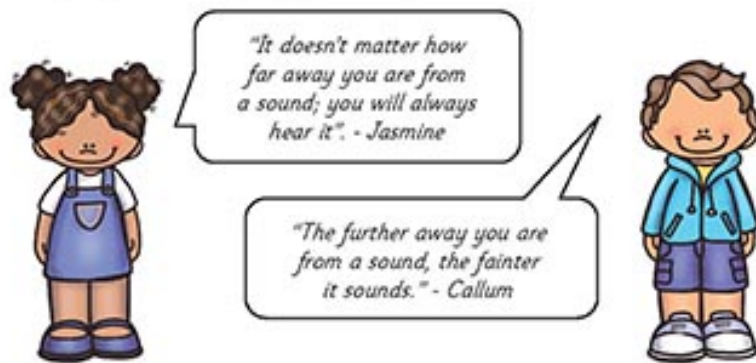
9. When you flick a ruler (see below), which one would produce the:

A. highest **pitch** sound?

B. lowest **pitch** sound?



9. Two children are talking about sounds. Who is correct?



Kamen

Philip

10. Explain your answer using your scientific knowledge.
