DIYAFAH INTERNATIONAL SCHOOL L.L.C
مدرسة ضيافة الدولية ذ.م.م
NURSERY حضانة



Year 4 Science -Term 3 Quiz **Sound** **Total: 20**

Name:_____ **Year 4:**____

Question 1: Sound and Pitch

Select **ONE** correct answer to complete the following statements

1. **Sound** is made when an object...
   a. Turns
   b. Vibrates
   c. Moves

2. When an object **vibrates,** it moves back and forth very...
   a. Quickly
   b. Gradually
   c. Orderly

3. The **volume** of sound is **measured** in...
   a. Kilometers
   b. Decibels
   c. Capacity

4. **Volume** is how _____ or _____ a sound is.
   a. loud or quit
   b. big or small
   c. high or low

5. **Pitch** is how _____ or _____ a sound is.
   a. big or small
   b. hard or soft
   c. high or low

6. In a **string** instrument. The tighter, thinner, or shorter the sting is, the _____ the pitch.
   a. Lower
   b. Higher
   c. Louder

7. In a **sting** instrument. The looser, thicker, or longer the sting is, the _____ the pitch.
   a. Lower
   b. Higher
   c. Softer

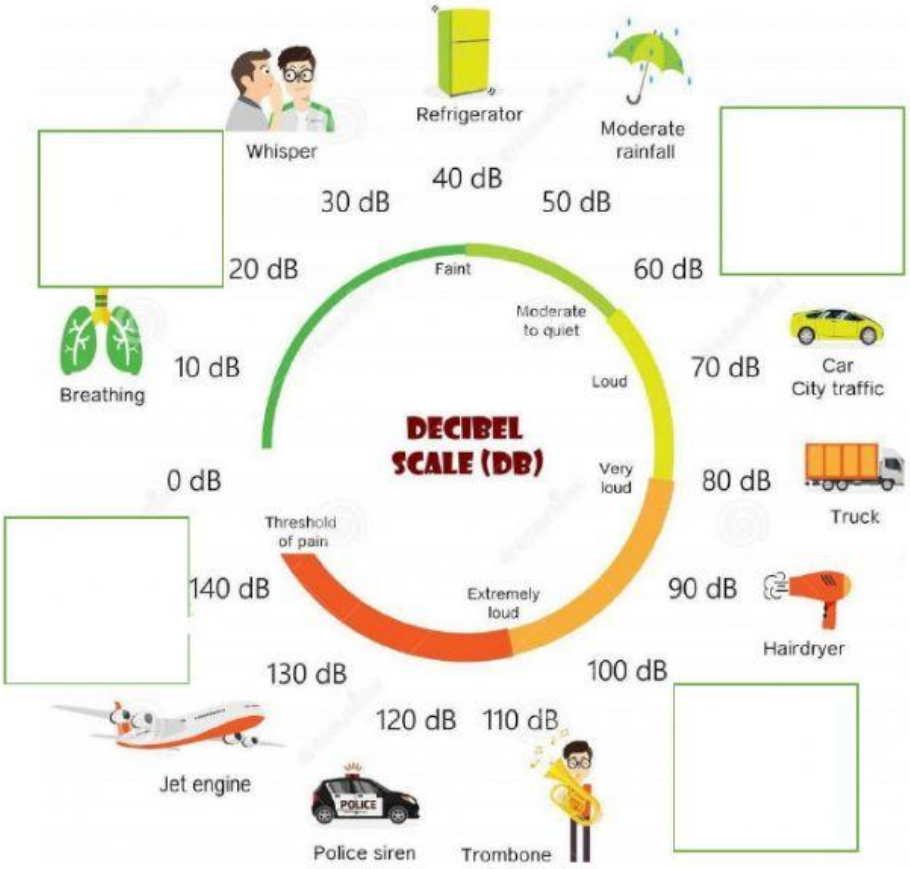
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8. In a **wind** instrument. Shortening the column of air will create a _____ pitch sound.
    a. Louder
    b. Higher
    c. Lower

9. In a wind instrument. Lengthening the column of air will create a _____pitch sound.
    a. Softer
    b. Lower
    c. Higher

Question 2: Volume and decibels

Look at the following decibel meter and **drop and drag** the missing picture.

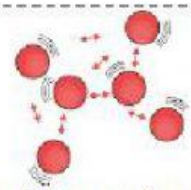
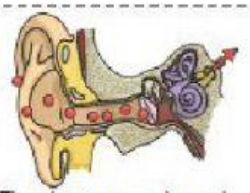




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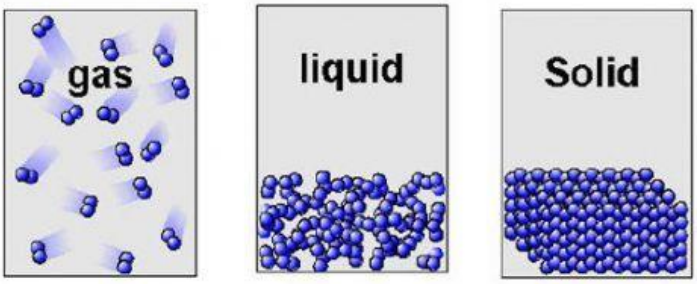
Question 3: How does sound travel to the ear:

Drop and drag the pictures in the order it reaches the ear.

Step 1	Step 2	Step 3	Step 4	Step 5
 The vibrations pass from particle to particle.	 Vibrations pass from the sound source to particles in the air around it.	 The vibrations reach your ear, and pass into your ear.	 The sound source begins to vibrate.	 The vibrations are changed into electrical signals and sent to your brain. Your brain tells you that you are hearing a sound!

Question 4: Speed of sound

a. Through which state of matter will sound travel the fastest?



b. It is _____for sound to travel in space.

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