

**School: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Please PRINT your name and return this at the end of the Club meeting.

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*Please answer the following multiple-choice questions by writing the best letter choice on the line. This is not an individual activity, feel free to discuss among your groups.*

**\_\_\_\_\_\_ 1. A baby’s voice produces sound waves with a higher or lower frequency than a man’s?**

 **(A) Higher Frequency**

 **(B) Lower Frequency**

 **(C) They are the same frequency**

**\_\_\_\_\_ 2. Sound waves can travel through…**

1. **Liquids**
2. **Solids**
3. **Gases**
4. **All of the above**

**\_\_\_\_\_ 3. What’s the word for something such as your sound proof room, that does NOT let energy pass through easily?**

1. **Conductor**
2. **Switch**
3. **Metal**
4. **Insulator**

**\_\_\_\_\_ 4. Sometimes, sound energy cannot emit passed a boundary, this process is known as...**

1. **Reflection**
2. **Refraction**
3. **Absorption**
4. **Transmission**

**\_\_\_\_\_\_ 5. Which material do you think would be best for muffling sound?**

1. **Plastic Bag**
2. **Foam Padding**
3. **Stone**
4. **Aluminum**



**1. What did you think about today's club?**

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**2. How did it work with your team members?**

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**3. Are you possibly interested in a career related to today's club?  Why/Why not?**

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**4. What else you would like to share about your STEM Club experience?**

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