**Claim – Evidence - Reasoning**

After reviewing your evidence, it’s time to take a stand. The **claim** is where you give a one-sentence “answer” to the question being investigated. You prove or defend your claim with **evidence** you’ll share below.

**Claim:**

It **is** / **is not** possible to prevent sound from within a shoebox from being heard from five feet away. There are several pieces of evidence that support my claim.

This section should **give the reader a visual picture** of what you did. Use this paragraph to explain how the investigation or model was set up and how it worked. Add additional info that gives some context to the investigation can also be

**Background:**

Our class built and tested boxes to prevent sound from … \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**TRANSITION** example: \_\_We each put our boxes to the test and the results revealed that some materials and designs were much more effective than others in preventing sound from escaping.\_\_\_\_\_\_\_\_\_\_

End the paragraph with a TRANSITION SENTENCE that gives the reader an idea of what the next section is about…

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This section is where you “make your case” to support or defend your claim. Like a lawyer in a courtroom, you present your **evidence** and **reasoning** (using science ideas/principles and science vocabulary words to explain why the evidence supports your claim.

**Discussion:**

(Evidence/Reasoning #1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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For this CER: Use this section to **compare the materials that worked to disperse sound with those that did not** support your claim.

Think about this: How do sound waves work? Sound is transferred by waves of energy—what happens to the energy as it passes through the medium?

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 (Evidence/Reasoning #2)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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**Conclusion:**

Wrap up your case by reminding the reader of your claim. Try to re-phrase your claim rather than repeating word for word. This is your chance to convince us of why your claim is correct!

Based on the evidence shown, I believe that a shoebox can / cannot be made soundproof… \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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