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# Thundering Tube Worksheet

1. Describe the sight and sound of the lone spring after it is stretched and then released.

2. Describe the sight and sound of the Thundering Tube after the spring is stretched and then released.

3. How does the pitch (the frequency of the sound) change when the Thundering Tube is lengthened?

4. How does the pitch change when the Thundering Tube is shortened?

5. As different sound frequencies resonate inside the Thundering Tube (depending on its length), what happens to the other sound frequencies that are heard when the tube is at a different length. Do the sound waves disappear?

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