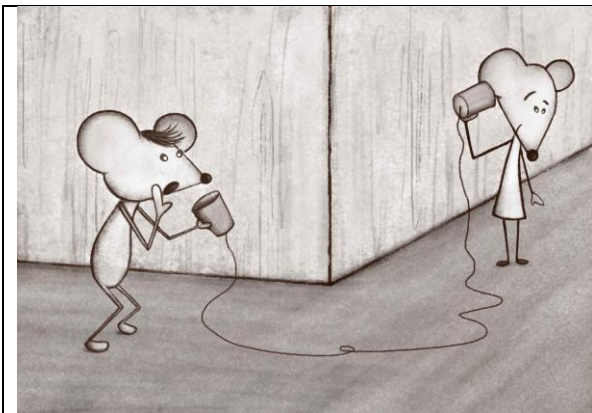


Sound Travelling Through Air	Sound Travelling Through Water	Sound Travelling Through Solids
<p>What do you hear when you press your ear next to the Ziploc bag full of air? Describe how clearly you can hear the sound?</p>	<p>What do you hear when the two spoons are tapped outside of the tank? What do you hear when the two spoons are tapped together inside of the water in the tank? Describe how clearly you can hear the sound?</p>	<p>What do you hear when the top of the table is tapped with the spoon? Describe how clearly you can hear the sound?</p>
<p>What word did you hear? Was it clear?</p>	<p>What word did you hear? Was it clear?</p>	<p>What word did you hear? Was it clear?</p>
<p>Based on your observations above, which medium (air, water or a solid) was the sound easiest to hear something through? Support your answer with evidence from your observations above.</p>		
<p>Based on your observations above, which medium (air, water or a solid) was it easiest to understand the words through. Support your answer with evidence from your observations above.</p>		



Describe and sketch how you changed your string and cup telephone from the original design. Why did you change this part of the design?

Explain how the string and cup telephone work? Make sure you use the terms *vibrate* and *sound*.



Will this design work (with the string on the ground and not tightly drawn), why or why not based on what you understand about sound.

