



Year 4 Science -Term 3 Week 12 Lesson 3

LO: To explain how sound changes with distance.

How does it work?

Use the key words to fill in the gaps to explain how your string telephone works.

When one person talks into their cup, the cup _____. The sound _____ of these vibrations passes along the string. The string is a _____, so the particles are very close together, and the vibrations can pass _____ and easily along the string. The vibrations pass from the _____ into the second cup, which also vibrates. These vibrations pass through the air _____ into the second person's _____, who can then hear the sound of the first person's voice. The sound of the person's voice is _____ through the string than it is through the air over the same _____.

Use the following words to help you complete the paragraph above

particles	vibrates	energy	string	solid
	distance	ear	louder	quickly