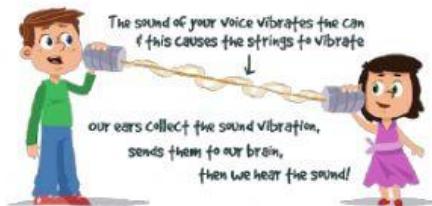




### Year 4 Science -Term 3 Week 12 Lesson 3

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**

vibrates	energy	string	solid
particles	distance	ear	louder
			quickly