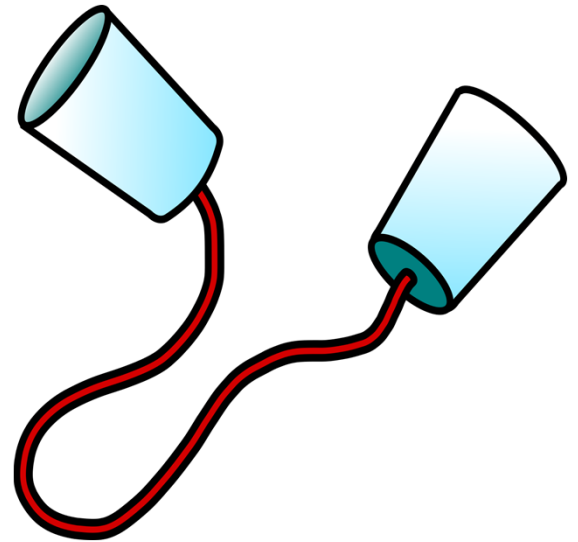


Sound Waves Inquiry

What is needed:

1. *Small empty cups (plastic yogurt cups, disposable cups)*
2. *8-10 foot piece of string*
3. *A partner*



What to do:

Attach the string in the bottom of the cup. Small holes need to be made on the bottom of the cup, only large enough for the string to go through and then be taped or knotted.

Hold the cup tightly to your ear and ask your partner to walk as far away as the string will allow, put the other end tight to their mouth and ask them to whisper into the cup, exchange rolls and repeat.

(Try different thickness of string and sizes of cups to deepen the inquiry, predict what will change then try it.)

Predict:

What you think will happen.

Record and report your findings and explain why you think this happened: