



A Cup of Sound

Name: _____

Score: _____

Materials needed:

- 2 paper cups
- long string
- a sharp pencil to poke holes at the bottom on the cups
- scissors

Direction:

1. Cut a long piece of string of about 20 ft.
2. Poke a small hole at the bottom of each cup, just enough to insert the string. BE CAREFUL not to poke your fingers or hands. Ask help from an adult to do this.
3. Thread each end of the string through the bottom of each cup. Tie both ends once inserted to ensure that the string does not fall.
4. Choose a partner (a family member, friend, or neighbor) and have him/her hold one of the cups while having you hold the other one.
5. Both of you will go in opposite directions until the string no longer touches the ground.
6. Both of you will choose 3 words. Speak out those words one at a time, taking turns. One should talk into the cup while the other will listen by putting the other cup to his/her ear.
7. Repeat the words for about 3 times if inaudible to your partner.
8. Write what both of you heard from each other, and check if your answers match.

What I wrote	What my partner heard	What my partner wrote	What I heard

Questions:

1. Based on the activity, can you conclude that humans can also be a source of sound? _____
2. What uses of sound are demonstrated in the activity? _____

3. Do you think that without sound, you and your partner can communicate easily? Why or why not? _____

