

Sound

A paper cup telephone



OBJECTIVE:

Investigate how sound travels through different materials to the ear.

RESOURCES:

Two paper or plastic cups, string, scissors.

BACKGROUND INFORMATION:

You are going to work with somebody to make and use a paper cup telephone. You will then need to explain how your telephone works. Use the instructions on the worksheet to help you.

STEP BY STEP GUIDE:

- Each of you holds a cup.
- Stand opposite your partner so the string is tight.
- Make sure the string is not touching anything else.
- One of you talks into the cup while the other holds their cup to their ear to listen.
- Take it in turns. Can you hear each other?

