# Make a String Telephone

## You will need:

- 2 paper cups
- scissors
- string
- pencils
- tape



## Instructions

1. Cut your string to anywhere between 5m and 20m long.
2. Pierce a hole in the base of each cup using a pencil.
3. Thread the string through the holes in the cups and tie a knot to secure it in place. Tape in position if you need to.
4. Give each person a cup and ask them to stand far enough apart so the string is taut.
5. Take it in turns to talk through the cup and listen to what each other are saying.

# Year 4 Autumn 2 Homework

**Geography:**
Research a mountain of your choice and create a fact file about it on Purple Mash. You will find this in you 2Dos section.

**Maths:**
TT Rockstars

**Literacy:**
Write an alternative How It Works information leaflet about a household item e.g. the kettle, lawnmower, iron, shower, game console

**Science:**
Sound travels in waves. A cup-string telephone works by the sound waves created by your voice travelling down the string from one cup to the other.
Can you make a cup-string telephone and experiment with how your voice travels along different types of string?

You may want to use cotton thread, wool, wire or any other string type material you have at home.

Does the different type of string make any difference to what you can hear the other side?

Use the instruction sheet to help you. Take photos or film your experiment and send it into the office.