



CAN YOU HEAR THAT?



▶▶ GETTING INTO THE ACTIVITY

Try out a new form of communication, by creating string telephones from cans / cups. Will your message make it to the other end?

For this activity you will need tin cans or paper cups. If using tin cans, please ensure they are clean beforehand and any sharp edges have been removed or covered.

- 1) Decorate your cans / cups so they look good (optional).
- 2) Make a hole in the bottom (middle) of each tin /cup. This could be done by a leader before.
- 3) Let children decide how long they want their string. Cut the string to length and thread it through the hole in the bottom of the can / cup. Tie a knot so the string stays inside the can (the knot should be inside the can).
- 4) Repeat with the other end of the string and the other can / cup.
- 5) Working with a partner, one person holds a can to their ear, whilst the other speaks into the can. Make sure the string between the cans is tight. Can the voice be heard?

Experiment with different string lengths and see how far a message can travel. Can you send a message to someone in a different room? What happens if the string is not tight?

How does this work? When you speak into the can you create sound waves. These travel along the string and then into the air inside the opposite can. This is why you can hear the message.

✓✓ WHAT YOU'LL NEED

- Clean Tin Can / Cup
- String
- Nail / Screw
- Colouring Pens / Craft Materials

! KEEPING EVERYONE SAFE

Maintain social distancing as required. Shared equipment should be kept to a minimum. Where shared equipment is being used, hands should be sanitised before and after the activity. Children should only place their can / cup to their mouth and not share cans / cups.