

# How to Make a Cup and String Phone

## 1 Equipment:

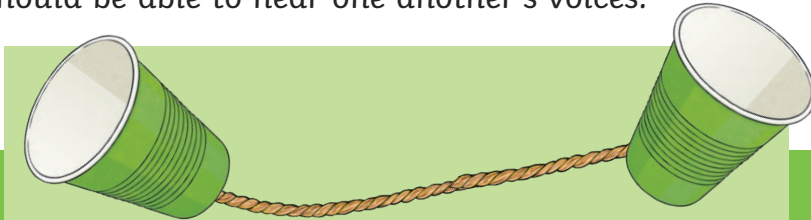
- 4 • Two paper cups
- 6 • Two paperclips
- 7 • Scissors
- 11 • Roughly 20m of string
- 17 • Two people and a quiet space

## 20 Making the Phone:

- 31 1. Carefully, make a hole in the bottom of each cup.
- 42 2. Thread one end of the string through the hole in  
55 the bottom of the cup. Tie the end of the string to the  
59 paperclip inside the cup.
- 67 3. Repeat step 2 with the other cup.

## 70 Using the Phone:

- 81 Take a cup each and walk slowly apart until the string  
93 is straight and tight. Take it in turns to speak into the  
104 cup while the other person holds their cup to their ear.
- 113 You should be able to hear one another's voices.



# Questions



1. Who has the author written this text for?

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2. How would someone know when to stop walking apart with their end of the phone?

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3. Why do you think people need to **take it in turns** to speak into the cups?

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4. Predict what might happen if the phone were made using 5m of string.

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Disclaimer: This resource is provided for informational and educational purposes only. As this resource refers to the use of sharp equipment, small items/loose parts which may present a choking risk, and ingredients/chemicals, you must ensure that an adequate risk assessment is carried out prior to using this resource. You must contact a suitably qualified professional if you are unsure. Twinkl is not responsible for the health and safety of your group or environment. It is your responsibility to ensure the resource and the information/activity it contains are safe and appropriate to use in your situation.

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# Answers



1. Who has the author written this text for?

**Pupils' own responses, such as: The author has written this text for children who may want to make and use a cup and string phone.**



2. How would someone know when to stop walking apart with their end of the phone?

**You would know when to stop walking apart when the string is straight and tight.**



3. Why do you think people need to **take it in turns** to speak into the cups?

**Pupils' own responses, such as: People will need to take it in turns so that one person has the cup to their ear while the other speaks otherwise you won't be able to hear one another.**



4. Predict what might happen if the phone were made using 5m of string.

**Pupils' own responses, such as: I predict that it would be tricky to tell apart the voice in the cup phone from the real voice as they may be too close together.**