

# Waterproof Testing Instructions

7 Gus the gingerbread man hates getting wet.  
17 Can you help him find a material for an umbrella?  
25 **Aim:** To find a waterproof material that will  
28 keep Gus dry.

## You will need:

- Gus the gingerbread man
- a glass jar
- an elastic band
- tinfoil
- kitchen roll
- cling film
- a jug of water



## Method:

1. Put Gus into the jar.
2. Next, place the kitchen roll over the top of the jar.
3. Attach the elastic band to keep it in place.
4. Pour water from the jug over the jar slowly.
5. Wait for 5 minutes. Check if Gus is still dry.
6. Repeat the steps for each material.
7. Decide which material kept Gus dry.

**Top Tip:** You might need more than one Gus!

## Questions



1. What is the aim of the instructions?

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2. Number the sentences from 1–3 to show the order that they appear in the text.

- ☐ Repeat the steps for each material.
- ☐ Put Gus into the jar.
- ☐ Pour water from the jug over the jar slowly.



3. Which of the materials do you think will **not** be waterproof? Explain your answer.

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4. Why do you think we might need more than one Gus?

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| 42 • a glass jar             | • cling film     |
| 49 • an elastic band         | • a jug of water |
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51 **Method:**

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89 4. Pour water from the jug over the jar slowly.

100 5. Wait for 5 minutes. Check if Gus is still dry.

107 6. Repeat the steps for each material.

114 7. Decide which material kept Gus dry.

123 **Top Tip:** You might need more than one Gus!

## Answers



1. What is the aim of the instructions?

**The aim of the instructions is to find a waterproof material that will keep Gus dry.**



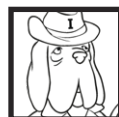
2. Number the sentences from 1–3 to show the order that they appear in the text.

- 3** Repeat the steps for each material.  
**1** Put Gus into the jar.  
**2** Pour water from the jug over the jar slowly.



3. Which of the materials do you think will **not** be waterproof? Explain your answer.

**Pupils' own responses, such as: I predict kitchen roll will not be waterproof because it absorbs water.**



4. Why do you think we might need more than one Gus?

**Pupils' own responses, such as: I think that we might need more than one Gus because some of the materials may not work so they will get Gus wet. The next material needs to start with a dry Gus so that it is a fair test.**