



WATERPROOF INVESTIGATION



Some materials keep water out. Some materials let water through. Let's test different materials to see which ones are waterproof.

1 PREDICT

Look at each material. Do you think it will be waterproof? Write your prediction in the second column.

Think like a scientist!
A prediction is your best guess before you test.

MATERIAL	MY PREDICTION (Will it be waterproof? Yes or No?)
Paper	
Fabric	
Aluminium foil	
Plastic (zip lock bag)	
Sponge	

2 TEST

Test each material using water. What happened? Record your results.

MATERIAL	WATERPROOF? (Yes or No)	WHAT DID YOU OBSERVE? (Dry, Wet or Absorbed?)
Paper		
Fabric		
Aluminium foil		
Plastic (zip lock bag)		
Sponge		

3 OBSERVE & REFLECT

Answer the questions below using what you found out.

- Which material was the most waterproof?

- Which material absorbed the most water?

- What did you notice during your investigation?



CHALLENGE!

Can you think of another material at home that might be waterproof? Test it and record your result here.

Material: _____
Waterproof? (Yes / No): _____
What did you observe? _____

