
















Investigation: Wetting materials

What will happen if the material is wet?

Answers may vary. This is a sample response.

Material	Prediction: Will it change?		Result: Draw what happened	Did it change?
 aluminium foil	yes <input type="radio"/> no	Test		yes <input type="radio"/> no
 drinking straw	yes <input type="radio"/> no	Test		yes <input type="radio"/> no
 crepe paper	<input type="radio"/> yes no	Test		<input type="radio"/> yes no
 wool	<input type="radio"/> yes no	Test		<input type="radio"/> yes no


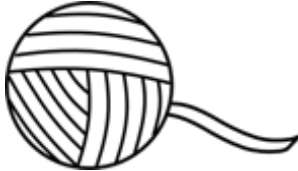





Material	Prediction: Will it change?		Result: Draw what happened	Did it change?
 wood	yes <input checked="" type="radio"/> no	Test		yes <input checked="" type="radio"/> no
 plastic bag	yes <input checked="" type="radio"/> no	Test		yes <input checked="" type="radio"/> no
 paper	<input checked="" type="radio"/> yes <input type="radio"/> no	Test		<input checked="" type="radio"/> yes <input type="radio"/> no
 waterproof modelling clay	<input checked="" type="radio"/> yes <input type="radio"/> no	Test		yes <input checked="" type="radio"/> no

Investigation: Containing water

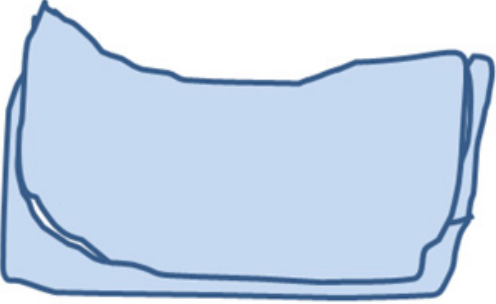
Choose a material **you** can physically change to contain water without any support.

No scissors, sticky tape, glue or staples are allowed.

Answers may vary. This is a sample response.

<p>Circle the material you will use:</p>		
 <p>paper</p>	 <p>wool</p>	 <p>fabric</p>
 <p>air-filled packaging</p>	 <p>aluminium foil</p>	 <p>clay (or waterproof modelling clay)</p>
<p>Predict (think about properties)</p>		
<p>I predict the material is suitable to make a container to hold water. This is because ...</p> <p> it is strong and easy to make into a bowl or cup shape. It is also waterproof.</p>		

👐 Make your container. 👐

<p>✎ List action words to describe the changes you make.</p>	<p>Draw your container.</p>
<p>roll flatten squash pinch</p>	

👐 Test your container — Place it on a tray and pour in some water.

Did it hold water without leaking?	
Yes	No
↓	↓
<p>Why?</p> <p>There were no holes and the sides were high enough to keep the water in.</p>	<p>Why not?</p>
<p>What material would you try next time? Aluminium foil</p> <p>Why?</p> <p>I think I could make it into a container with sides to keep the water in too.</p>	