

Testing Properties





Aim

- I can identify which materials have certain properties.

Success Criteria

- I can identify which materials the objects are made from.
- I can test materials to see how they behave.
- I can choose words which describe how materials behave.

Properties



Think back to our last lesson. How many different properties can you remember? Talk to your partner.



Keywords



Can you remember the keywords?



hard



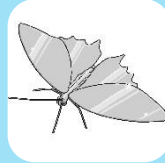
soft



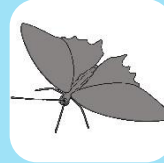
stretchy



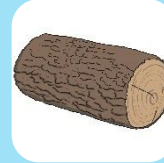
stiff



shiny



dull



rough



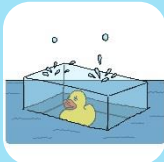
smooth



bendy



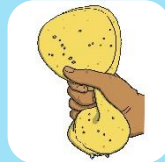
not bendy



waterproof



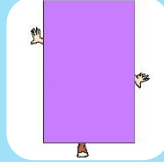
not
waterproof



absorbent



not
absorbent



opaque



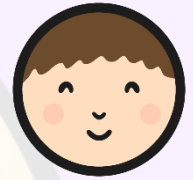
transparent

How Materials Behave



You can sometimes tell just by looking at materials which properties they have, but sometimes you have to do a few tests to see how they behave.

Property Testing



Property T

Gently test the objects to see if they are bendy or not, write a tick in the right box.

Object	Material's object is made from	
straw		
spoon		
table		
tape measure		
elastic band		

Property T

Test the objects, write what the object is made from and then put a tick in the right box.

Object	Material's object is made from	
wellies		
t-shirt		
paper		
rubber gloves		

Object	Material's object is made from	
window		
cardboard box		
plastic bottle		
tin can		

Property Testing

Test the objects, write what the object is made from and then put a tick in the right box.

Object	Material's object is made from	Waterproof	Not waterproof
wellies			
t-shirt			
paper			
rubber gloves			

Object	Material's object is made from	Absorbent	Not absorbent
notebooks			
sock			
towel			
paper			

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Everyday Materials Year 11 Testing Properties (Property Testing) Lesson 4

Property Testing Results



- What did you do?
- What did you find out?
- Did anything surprise you?
- Why?



