






  
 vocabulary we will be using



# Year 2

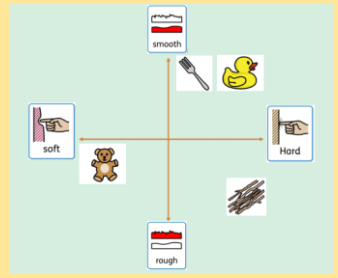
 <p>Materials</p>	<p>A “material” is what something is made of, such as paper, wood, fabric, metal . . .</p>
 <p>property</p>	<p>A “property” is something a material has or is – such as bendy / rough / smooth / hard . . .</p> <p>A material can have many different properties. The properties of a material mean it may be good for a particular job.</p>
 <p>absorbency</p>	<p>“Absorbency” is how well a material soaks up water.</p>
 <p>malleable</p>	<p>A “malleable” material is one which can be bent, squashed or twisted without breaking.</p>
 <p>experiment</p>	<p>An “experiment” is a scientific test when you want to find out an answer to a question, such as “What would happen if . . .?”</p>

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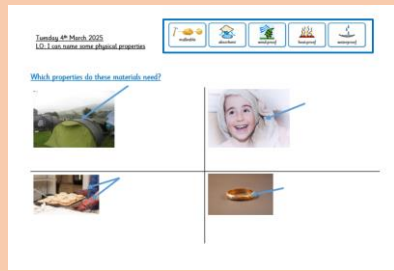
property and properties of materials

We will organise material depending on how rough, sooth, hard and soft they are. **Some materials will have more than one property.**



2

## Matter and Materials



Matter is the “stuff” things are made of. **Everything is made of matter!**

### 3 Absorbency

We will test a range of materials to see which ones are the most absorbent. *We will make sure the experiment is safe and fair.*

Which material is the most absorbent?

### 4 A suitable material

We will test a range of materials to see which is the best for making an umbrella.

What properties would this material need?  
Why?

*How can we test this safely and fairly?*



### 5 Combining Materials

*Some objects are made by combining materials.* Look at your coat, look at a passing car, look at a chair . . . how many materials have been used?

Things made of materials that I can recycle.

Things I made of materials that I cannot recycle.



### 6 Changing Shape

We will investigate how malleable certain materials are.

Can they be bent, squashed, twisted and stretched without breaking?

Tuesday 31<sup>st</sup> March 2025  
 LO: I know that some materials can change shape.  
 Test each material and record your results in the table.

Object	Material	Can you squash it?	Can you bend it?	Can you twist it?	Can you stretch it?
sponge					
sock					
bottle					
drinking straw					
elastic band					
rubber ball					
paper clip					
cotton wool					

*Why is a malleable material useful?*