

# Our Science Learning Journey

## Key Vocabulary:

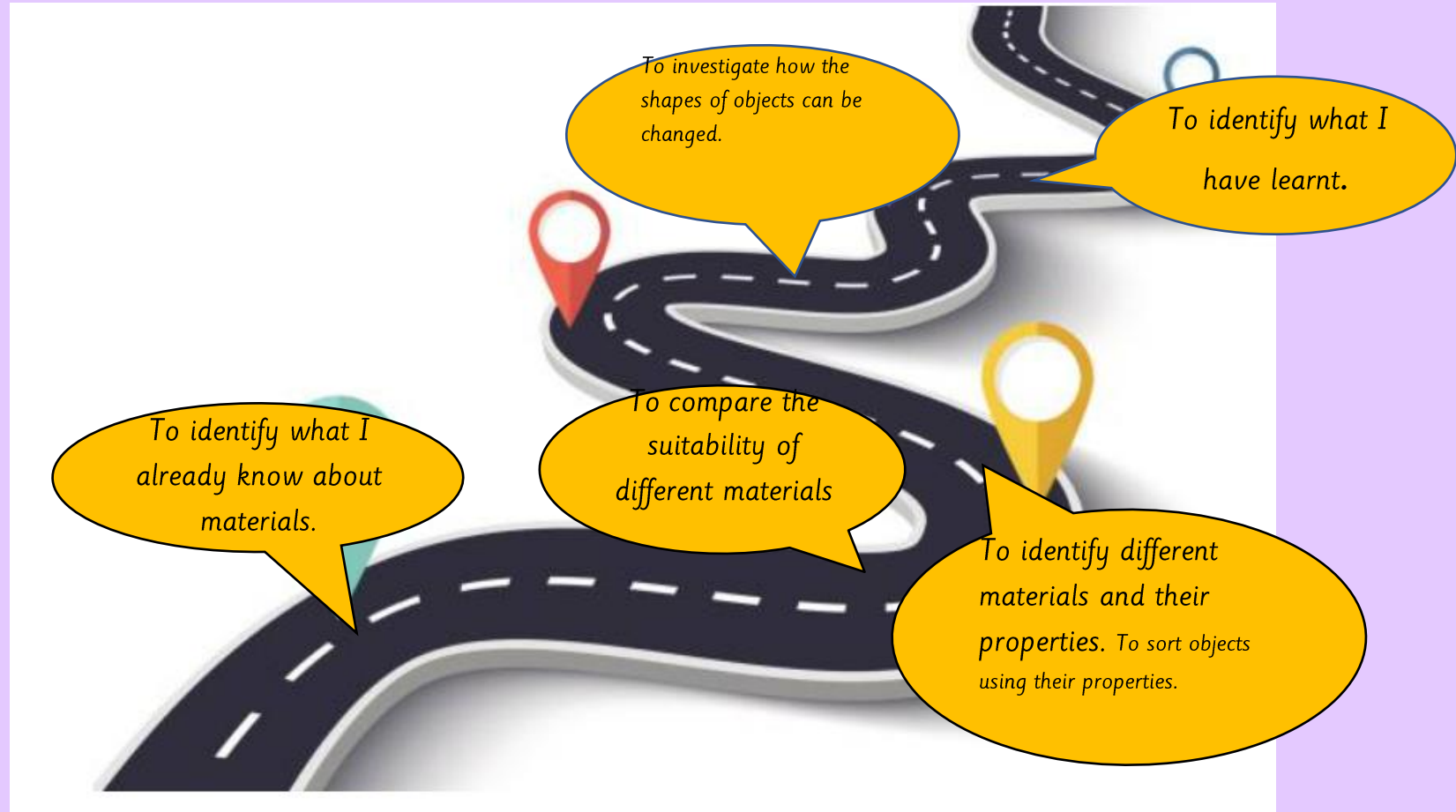
Experiment Predict Squash

Squeeze Flexible Absorbent

Waterproof Transparent

Opaque Crumble Bend Stretch

Twist Shiny Dull Rough Smooth



# Science

*Week 7*



*LQ: Can I identify what I have learnt?*

*Steps to Success*

*All – I can discuss what I have learnt about materials and their properties.*





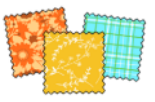
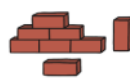






*Most – I can identify and classify materials.*

*Some – I can record what I have learnt.*



# STAR WORDS

## materials

 plastic	 rubber	 leather	 wool
 fabric	 brick	 cotton wool	 glass
 metal	 wood	 magnet	 paper

**Twisting**  
We can make things change shape by twisting them.



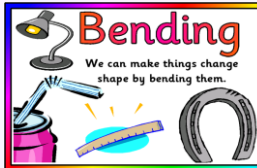
**Stretching**  
We can make things change shape by stretching them.



**Squashing**  
We can make things change shape by squashing them.

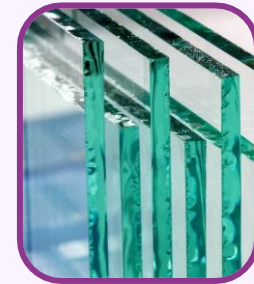


**Bending**  
We can make things change shape by bending them.



## properties

<b>hard</b> not easily broken or pierced  A hard diamond.	<b>squashy</b> easily crushed or squeezed  The play dough is squashy.	<b>smooth</b> an even and regular surface  Some smooth pebbles.
<b>absorbent</b> able to soak up liquid  The sponge is absorbent.	<b>bumpy</b> uneven, raised patches  This shell is bumpy.	<b>opaque</b> cannot be seen through  She is hidden by the opaque screen.
<b>dull</b> lacking shine or brightness  The moth's wings are dull.	<b>brittle</b> hard, but may break easily  The glass is brittle.	<b>translucent</b> allowing some light to pass through  The screen is translucent.
<b>rigid</b> unable to be bent or forced out of shape  Stone is rigid.	<b>transparent</b> can be seen through  This glass is transparent.	<b>soft</b> not firm to the touch  The kitten has soft fur.
<b>flexible</b> able to bend  A flexible spring.	<b>rough</b> uneven, irregular surface  The log has rough bark.	<b>waterproof</b> repels water and liquids  A waterproof coat.
<b>elastic</b> springs back once stretched  An elastic band.	<b>shiny</b> reflects light, smooth surface  A shiny silver spoon.	<b>conductor</b> lets heat, electricity or sound to pass through it  Some metals are conductors of electricity.



transparent



Hard and strong



opaque



1

Which material would be best to make a bike?

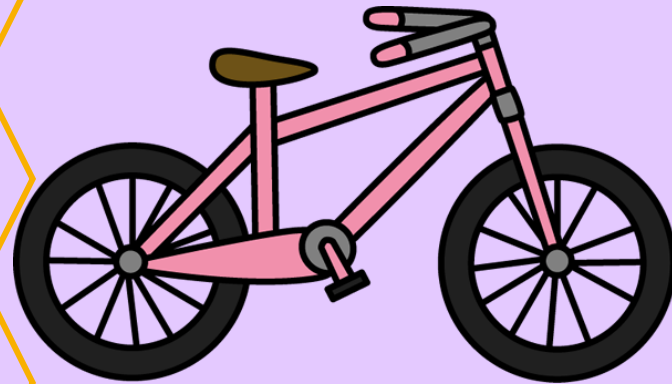
A brick



B metal



C wood





1

*Which material would be best to build a house?*

**A** brick



**B** metal



**C** wood





1

Which material would be best to make a school desk?

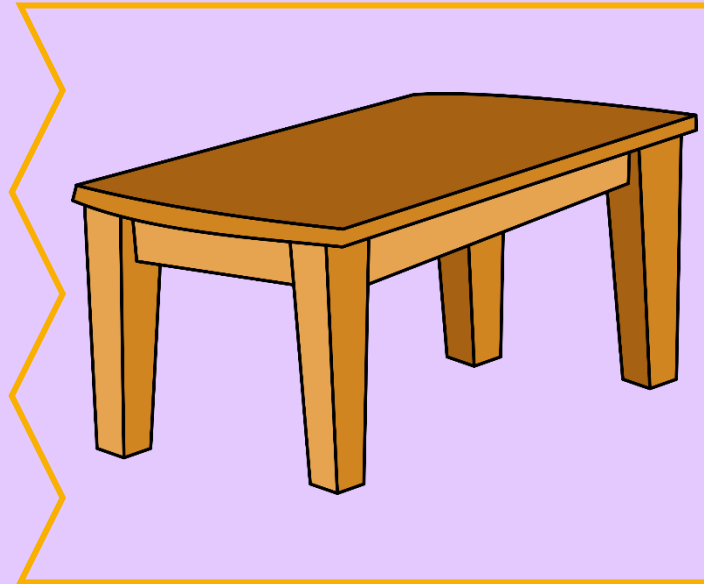
A brick



B metal



C wood





1

*Which material would be best to make a car?*

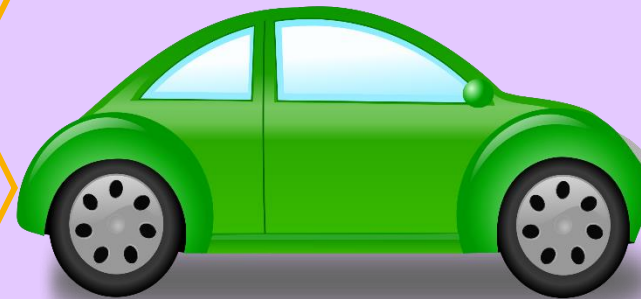
**A** brick



**B** metal



**C** wood



Wednesday 15th October 2025

# Task - Assessment

Self - Assessment:  
Do you understand what to do?

LQ: Can I identify what I have learnt?

Now answer these questions in your books.  
Remember to use the star words to help you!

- Questions:**
- 1) How many different types of materials can you name?
  - 2) Can you name the properties of some materials?
  - 3) Why is glass suitable for windows?
  - 4) Why is bricks suitable for a house?
  - 5) Why wouldn't you have a metal window?
  - 6) How can we change the shape of some materials?
  - 7) What material can change shape?

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