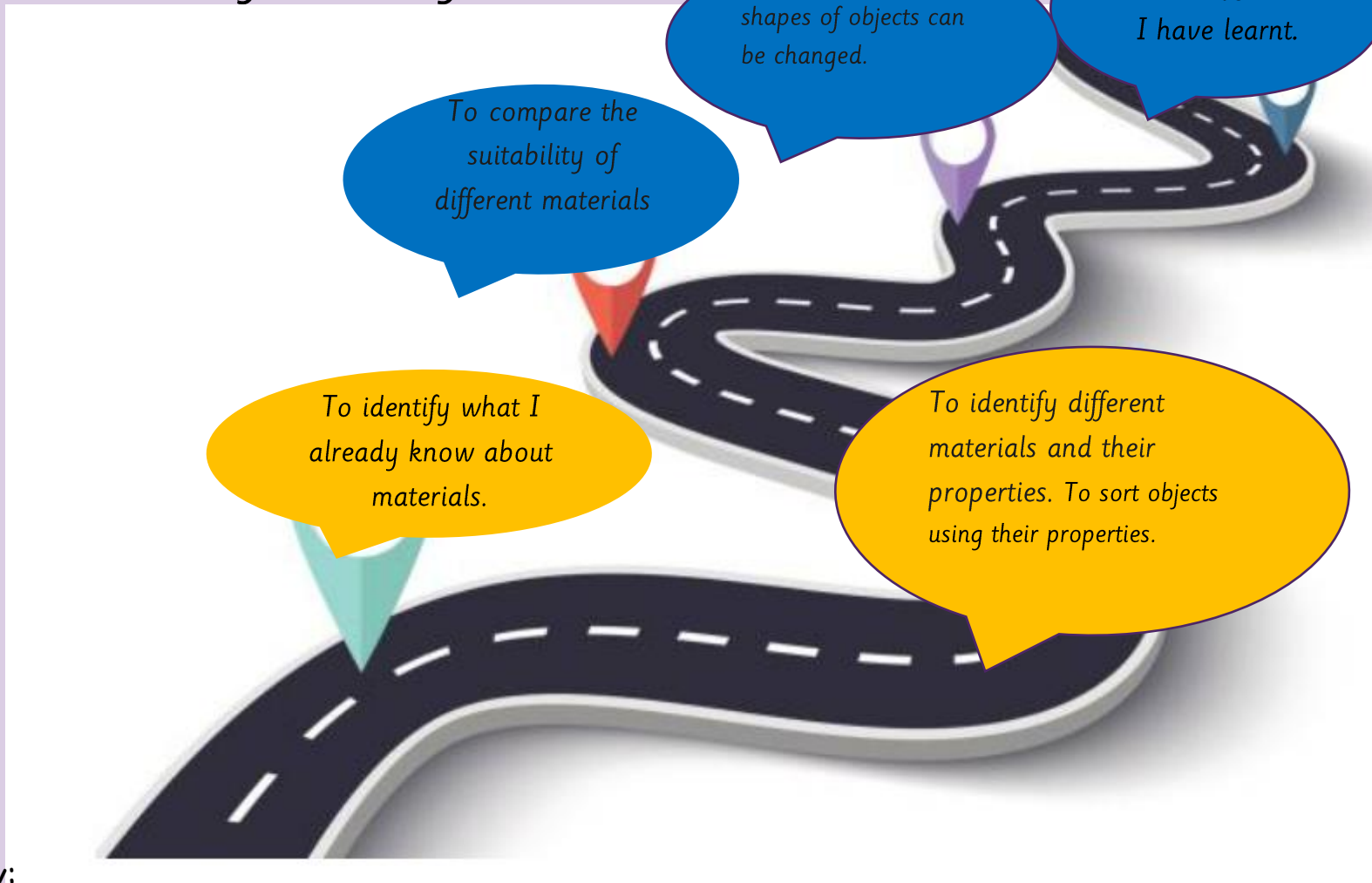


Science

Week 3

Our Science Learning Journey



Key Vocabulary:

Experiment, predict, squash, squeeze, flexible, absorbent, waterproof, transparent, opaque, crumble, bend, stretch, twist, shiny, dull, rough, smooth

LQ: Can I identify different materials and their properties?

Wednesday 17th September 2025

Starter:

Using a 1 minute timer write as many materials as you know.





LQ: Can I identify different materials and their properties?

Steps to Success



All - I can describe and name all common materials.

Most - I can explain what 3 different materials are used for .


Some - I can identify material properties and compare them.

STAR WORDS

✦ ABSORBANT
✦ FLEXIBLE
✦ THIN

paper

Comes from WOOD PULP



✦ DURABLE
✦ STRONG
✦ HARD

wood

Comes from TREES



✦ WATERPROOF
✦ MOULDABLE
✦ STRETCHY

rubber

Comes from OIL



✦ WATERPROOF
✦ MOULDABLE
✦ STRONG

plastic

Comes from CHEMICALS



✦ MALLEABLE
✦ STRONG
✦ SHINY

metal

Found in the GROUND



✦ STRONG
✦ HEAVY
✦ HARD

stone

Comes from ROCKS



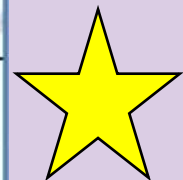
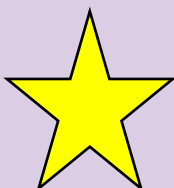
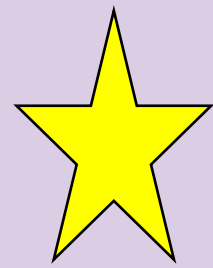
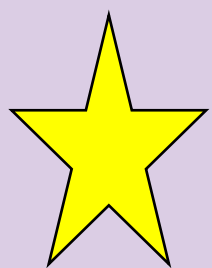
✦ TRANSPARENT
✦ FRAGILE
✦ HARD

glass

Comes from MOLTEN SAND



fabric



LQ: Can I identify different materials and their properties?

TPs: What is a material?

Stem Sentence:

A material is_____.

*TPS. What does is meant by
properties of materials?*

Stem Sentence:

Properties means_____.

LQ: Can I identify different materials and their properties?

Properties of materials means the way objects feel.

Here are some words to describe properties of materials:

Bendy

Flexible

Smooth

Rough

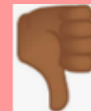
Absorbent

Waterproof

TPS. Can you think of other words to describe properties of materials?

Self Assessment

Do you understand what properties mean?



Everything around us is made of different types of material, from the clothes we wear to the houses we live in, the air we breathe and the water we drink. Some materials are natural.

TPS. Can you identify natural materials?



Wood



The properties of wood
are.....

Wood is used for.....

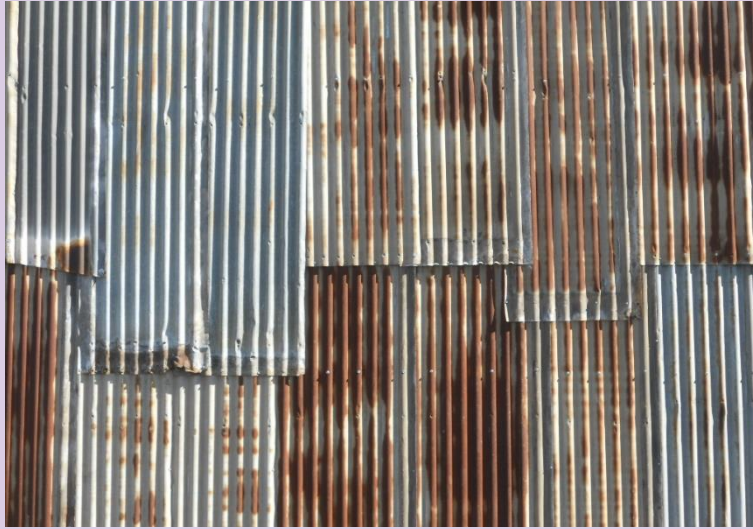
_____ is made out of wood.

TPS. What are the properties of wood?

TPS. What they are used for? What

TPS. Can you see any familiar objects which are made
from these materials?

Metal



The properties of metal
are.....

Metal is used for.....

_____ is made out of metal.

TPS. What are the properties of metal?

TPS. What they are used for?

TPS. Can you see any familiar objects which are made from these materials?

Glass



The properties of glass
are.....

Glass is used for....

_____ is made out of glass.

TPS. What are the properties of glass?

TPS. What they are used for?

TPS. Can you see any familiar objects which are made from these materials?

Plastic



The properties of plastic
are.....

Plastic is used for....

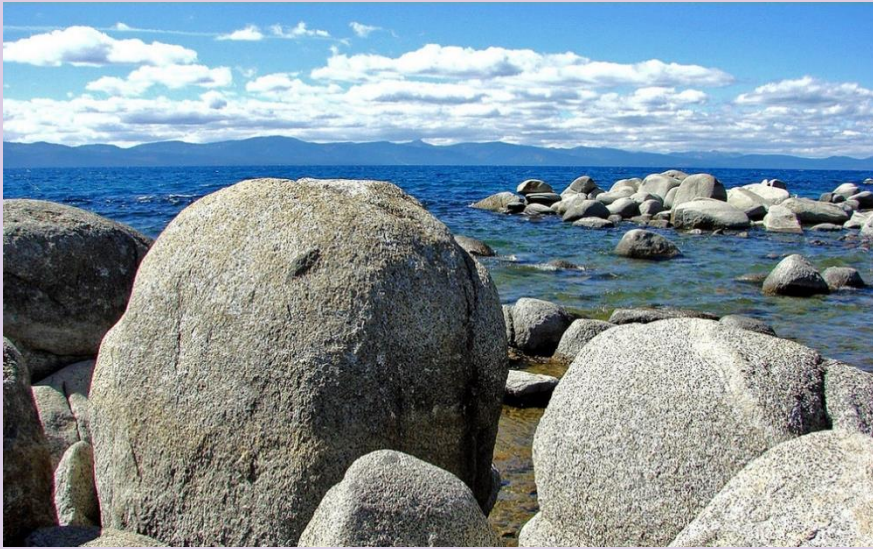
_____ is made out of plastic.

TPS. What are the properties of plastic?

TPS. What they are used for?

TPS. Can you see any familiar objects which are made from these materials?

Rock



The properties of rock
are.....

Rock is used for....

_____ is made out of rock.

TPS. What are the properties of rock?

TPS. What they are used for?

TPS. Can you see any familiar objects
which are made from these materials?

Brick



The properties of bricks
are.....

Brick is used for....

_____ is made out of brick.

TPS. What are the properties of brick?

TPS. What they are used for?

TPS. Can you see any familiar objects
which are made from these materials?

Paper



The properties of glass
are.....

Paper is used for....

_____ is made out of paper.

TPS. What are the properties of paper?

TPS. What they are used for?

TPS. Can you see any familiar objects which are made from these materials?

Cardboard



The properties of
cardboard
are.....

TPS. What are the properties of cardboard?

TPS. What is it used for?

TPS. Can you see any familiar objects which are made from these materials?

Task 1

Identify, name and label the material and write what their uses are describing their properties.



For example: Glass is transparent and breakable.
Windows are made out of glass so we can see through them.

Self Assessment

Do you understand what your task is?



Task 2

WTS - Which material did you find the most in the classroom?

The most used material in the classroom is.... because

EXP/GDS Which material did you find the most in the classroom?

The most used material in the classroom is.... I think this is because....

Which material did you find the least the classroom?

The least used material in the classroom is....

Why do you think that is?

I think this is because...

Self Assessment

Do you understand what you have to do?

