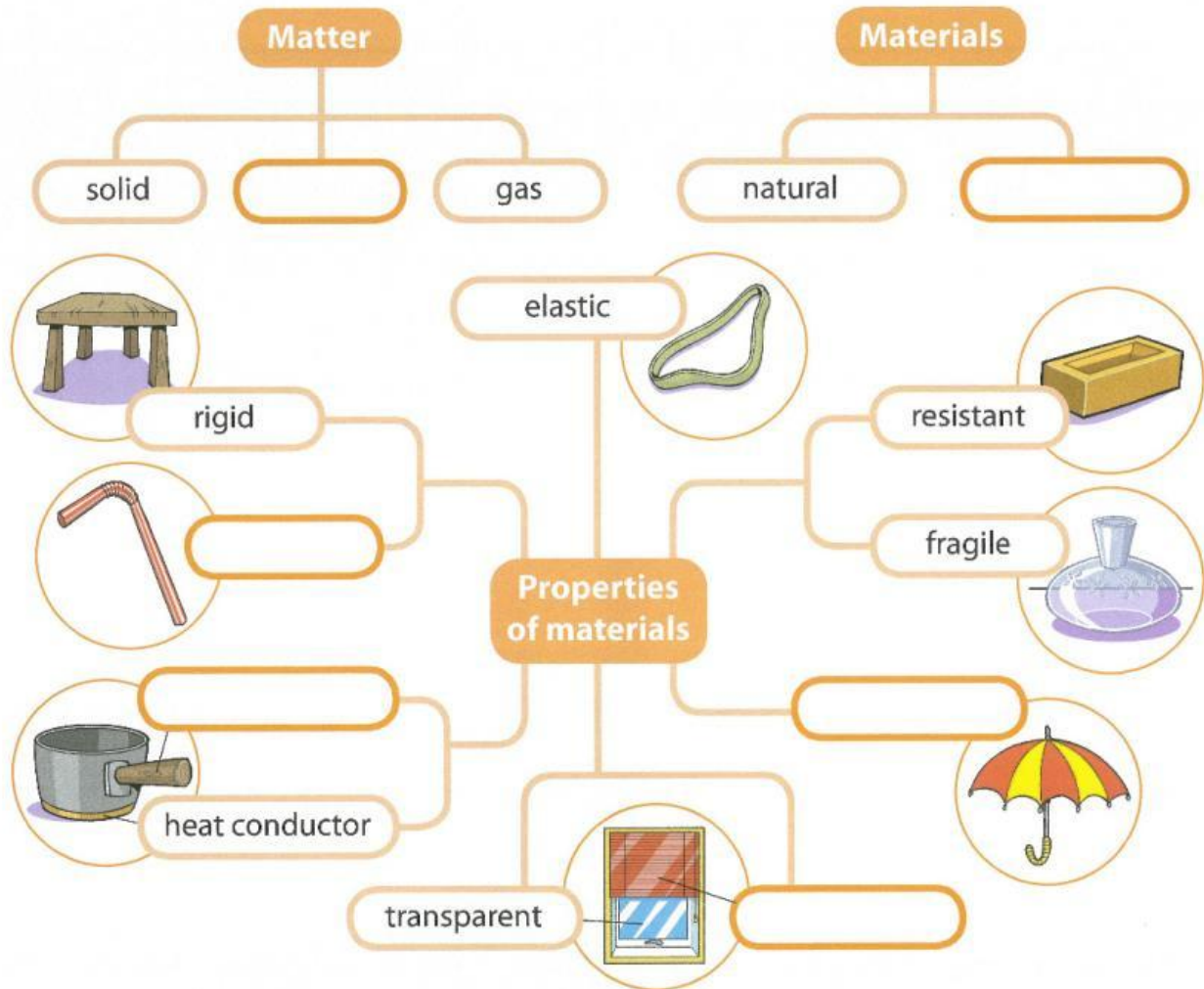


Learning to learn

1 Copy and complete the word maps.

waterproof manufactured liquid opaque heat insulator flexible



2 Use the word maps to copy and complete the sentences.

- The three states of matter are , liquid and .
- A material that light can pass through is .
- A material that doesn't bend easily is .
- A material that breaks easily is .
- A material that heat can pass through easily is a .
- Materials can be or manufactured.

3 Copy and complete the sentences. Write *Solids, Liquids or Gases*.

- a don't have a definite shape, but they have a definite volume.
 b have a definite shape and a definite volume.
 c don't have a definite shape and they don't have a definite volume.

4 Copy and complete the sentences. Write *physical change or chemical change*.

- a A is when matter changes shape and changes state, but the substance doesn't change.
 b A is when a new substance is produced.

5 Look at the pictures. Are these physical changes or chemical changes? Why?



This is a ... change because ...

6 Are these heterogeneous or homogeneous mixtures? Copy and write the correct sentences.



This is a **homogeneous** / **heterogeneous** mixture because **it's easy** / **it isn't possible** to see the different substances.



This is a **homogeneous** / **heterogeneous** mixture because **it's easy** / **it isn't possible** to see the different substances.



I know the characteristics of the three states of matter.

I understand how matter changes.

I can identify and describe mixtures.

I know some properties of materials.

I'm a responsible consumer and I know the three Rs.

