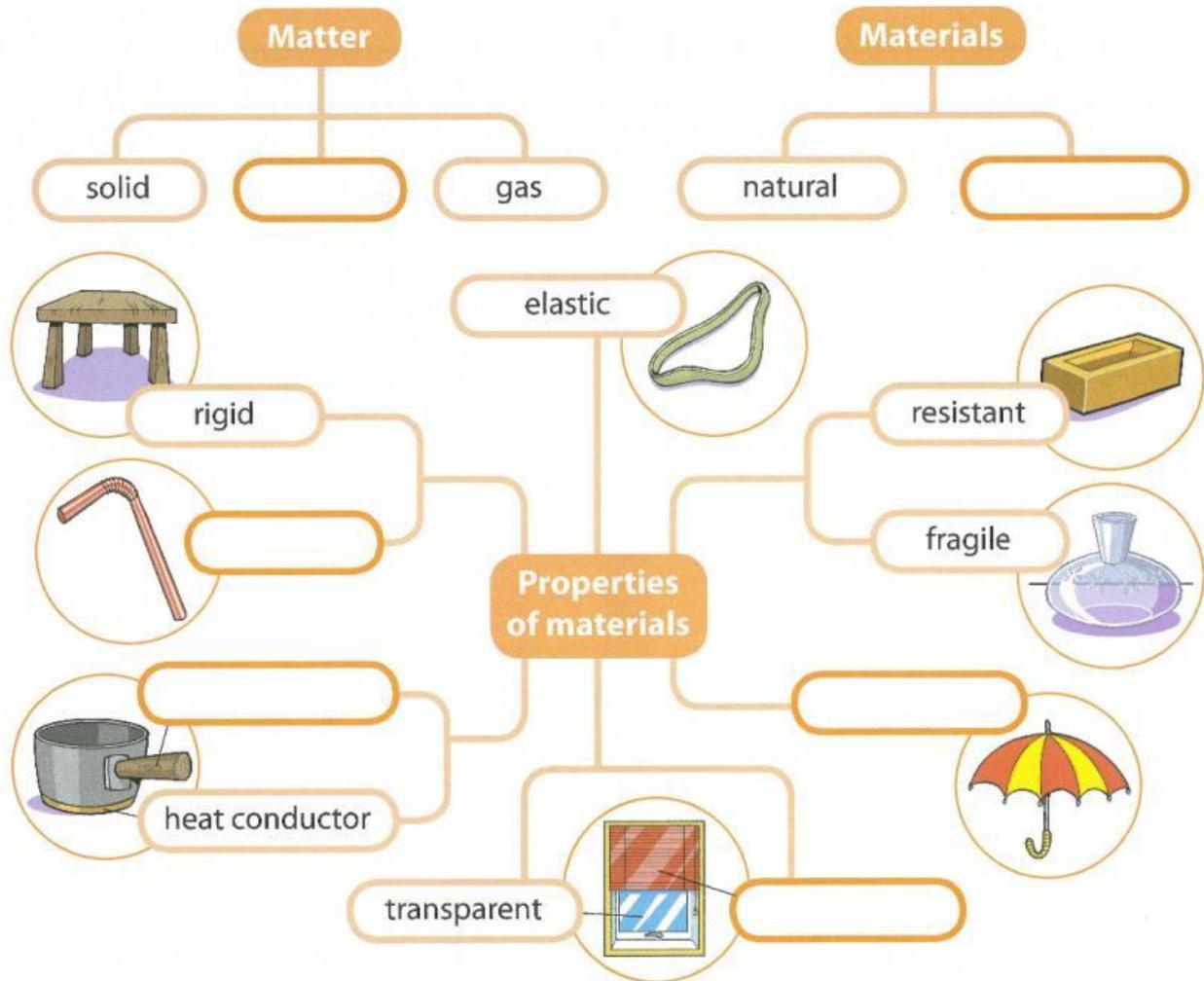


# Learning to learn

## 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.

