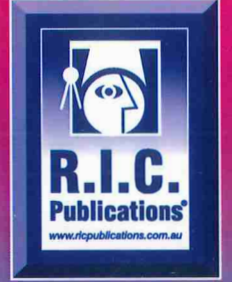


Australian curriculum

science

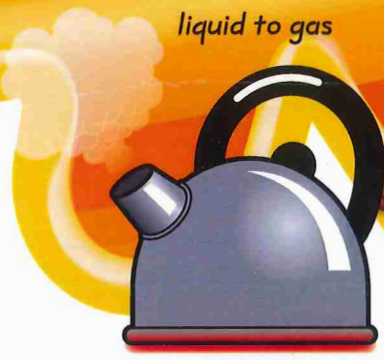
YEAR 1
AGES 6-7



AUSTRALIAN CURRICULUM LINKED

- Science understanding
- Science as a human endeavour
- Science inquiry skills

Incorporating new national curriculum requirements



Chemical sciences

Biological sciences



Physical sciences

Earth and space sciences

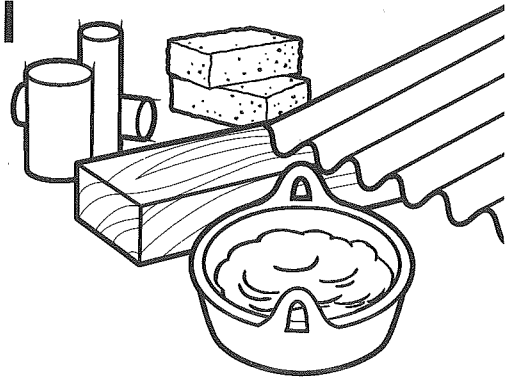
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v.2

How can materials change? – I

Read the text.

There are many different types of materials. Wood, air, cement, plastic, rubber, cotton, paper and metal are all materials.

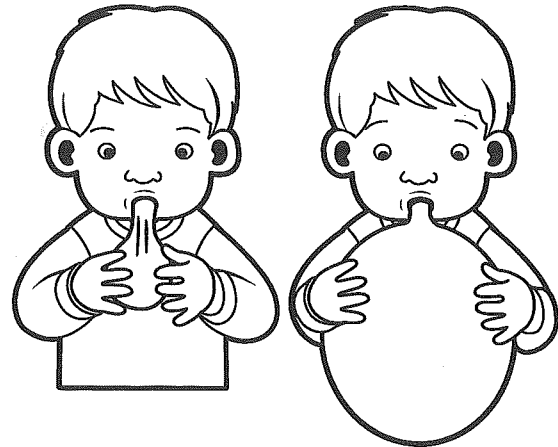


Materials can change. They can change in many different ways. They can be changed by melting, cutting, mixing, freezing, stretching, dissolving, boiling or moulding.

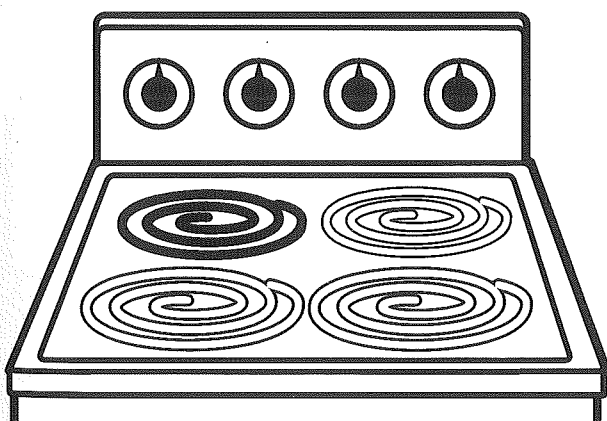
Materials can change shape.



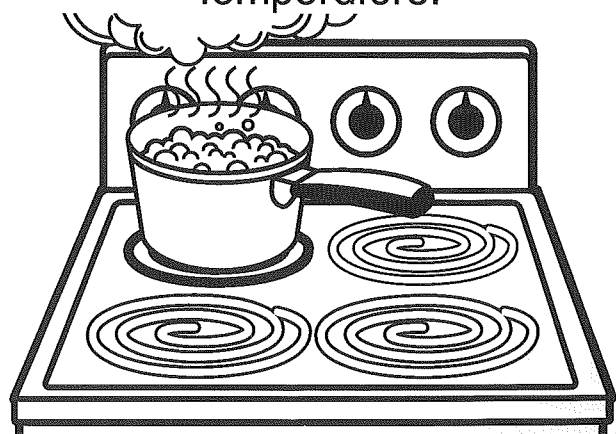
Materials can change size.



Materials can change colour.



Materials can change temperature.



Even when changed, the material is still the same. No new material is made.

Even when the material is changed, the change can be 'undone'.

These changes are called physical changes.

How can materials change? – 2

Use the text and pictures on page 31 to complete the following.

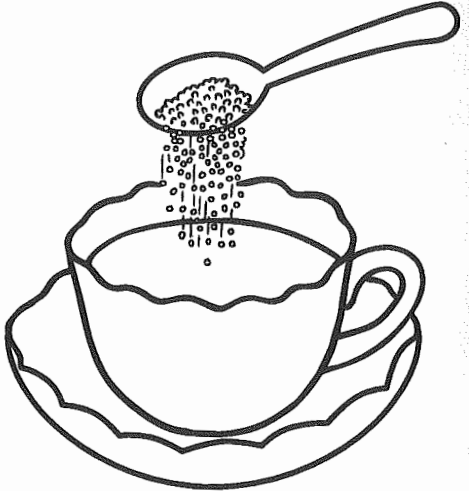
1. What are the names of four different types of materials?

- _____
- _____
- _____
- _____

2. Tick the ways materials can be changed.

Materials can be changed by ...

<input type="checkbox"/> melting	<input type="checkbox"/> mixing
<input type="checkbox"/> cutting	<input type="checkbox"/> freezing
<input type="checkbox"/> boiling	<input type="checkbox"/> dissolving
<input type="checkbox"/> moulding	<input type="checkbox"/> stretching.

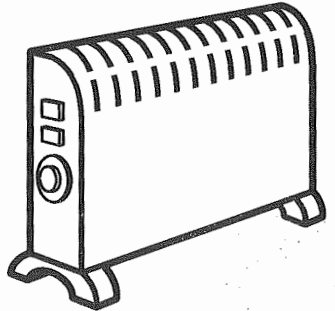
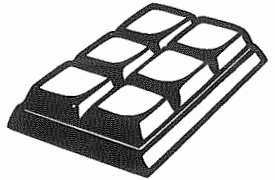


3. (a) Complete the sentence.

Materials can change shape, _____,
 _____ and temperature.

(b) Write the name of one thing that can change ...

- shape _____
- size _____
- colour _____
- temperature. _____



4. Colour as true or false. When materials are changed physically, ...

(a) no new material is made.

True	False
------	-------

(b) the change can be 'undone'.

True	False
------	-------