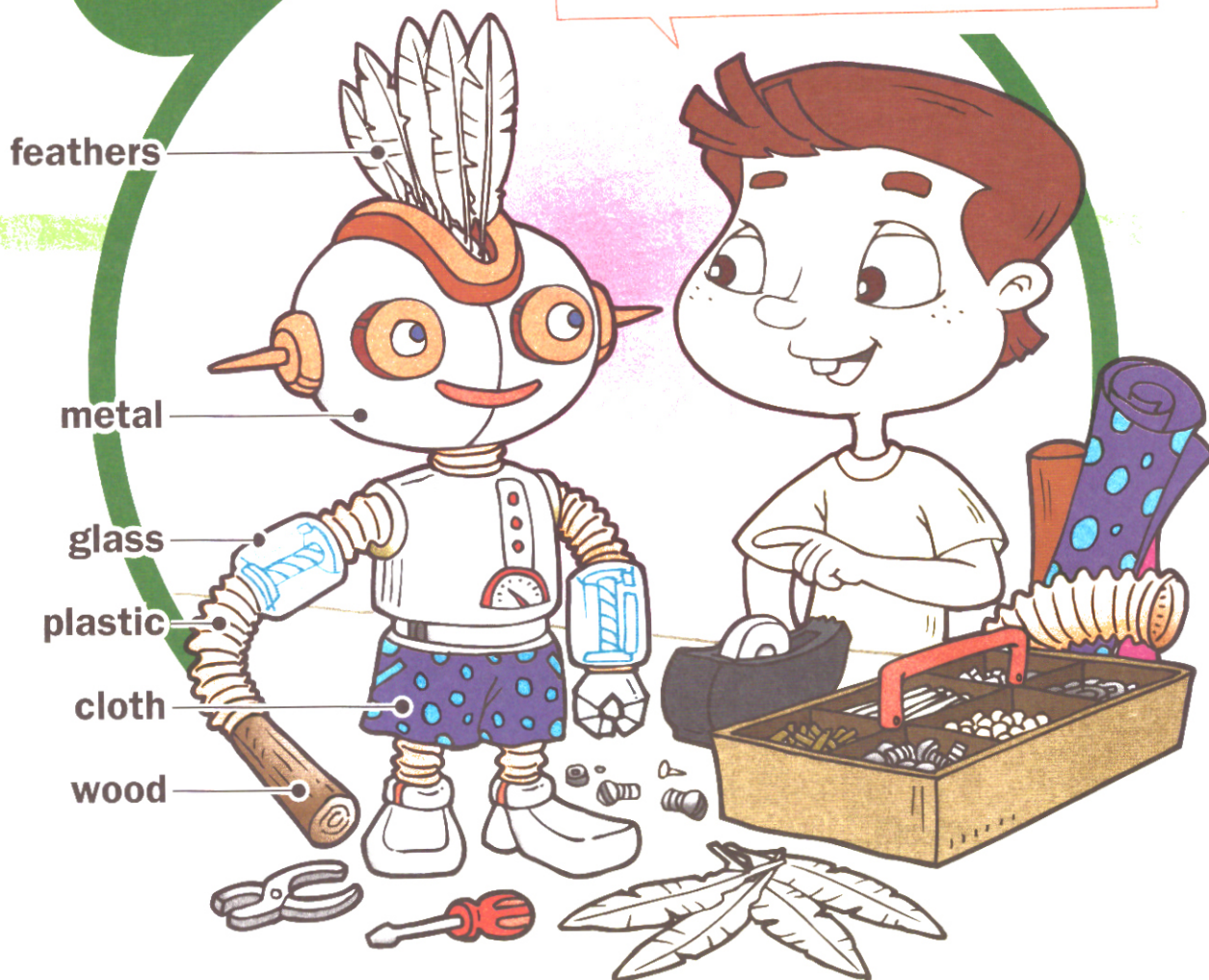


# Objects and Materials

7

Look at my newly designed robot. It is made of different materials – feathers, metal, glass, plastic, cloth, and wood.



## In this unit, students will:

- sort objects by their material.
- identify the materials used to make objects.
- identify properties of materials.
- make appropriate use of materials when making objects.
- understand how some materials change with changes in the temperature.

7

A. Sort the objects. Write the letters.



**Metal**

**Plastic**

**Wood**

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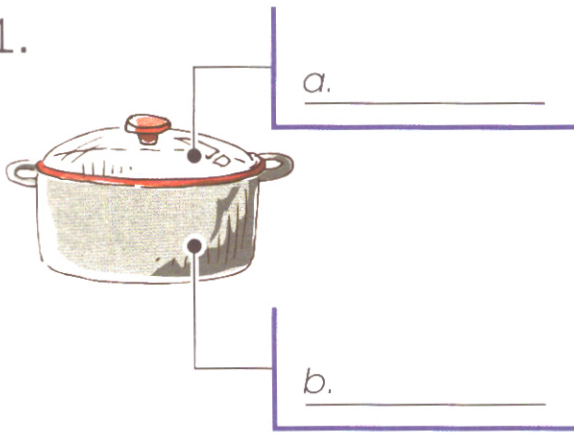
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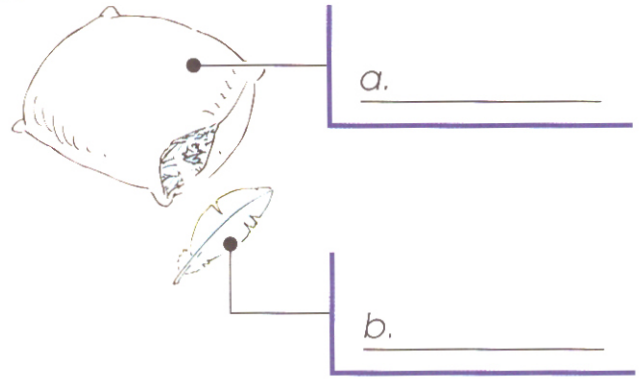
**B. What materials are these made of? Write the answers on the lines.**

wood    glass    feathers    metal    cloth    plastic

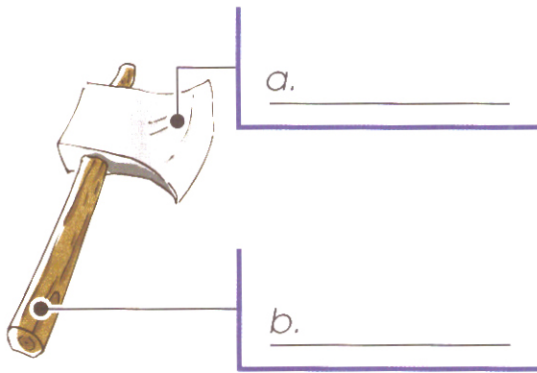
1.



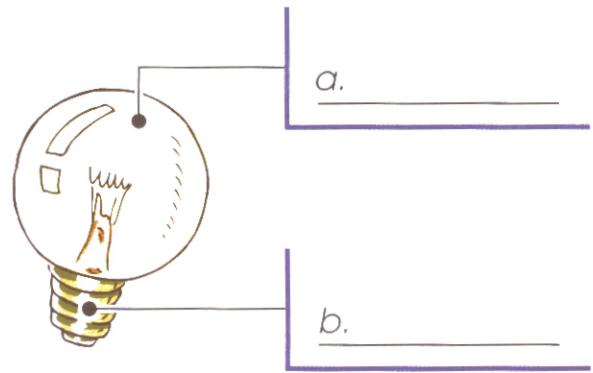
2.



3.



4.



5.



7

C. Colour each opposite pair of properties the same colour. Then complete the sentences with the help of the words given.

1.

shiny

light

rough

dull

soft

hard

heavy

smooth

2. If your hockey stick were made from cotton, it would be very \_\_\_\_\_ .

3. If your couch were made from glass, it would be very \_\_\_\_\_ .

4. If your cap were made from stone, it would be very \_\_\_\_\_ .

5. If your wooden tower were made from glass, it would be very \_\_\_\_\_ .



Objects that we use are made of materials of different properties.



**D. Write the materials that could be used to make each object.**

wood      glass      plastic      clay      metal



bookshelf

\_\_\_\_\_

\_\_\_\_\_



knife

\_\_\_\_\_

\_\_\_\_\_



vase

\_\_\_\_\_

\_\_\_\_\_



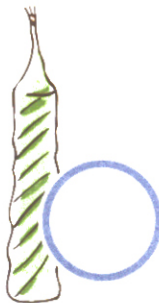
bowl

\_\_\_\_\_

\_\_\_\_\_

**E. These materials have changed due to the change in temperature. Put the order of changes from 1 to 3.**

1.






2.



## Try this

# What Makes a Fence?

Go for a walk in your neighbourhood. Put a check mark ✓ each time you see a fence made with one of these materials. How many of each did you find? Record them in the chart.

	Number
	
	
	



## Checklist

Are you able to...

- sort objects by their material?
- identify the materials used to make objects?
- identify properties of materials?
- make appropriate use of materials when making objects?
- show how some materials change with changes in the temperature?