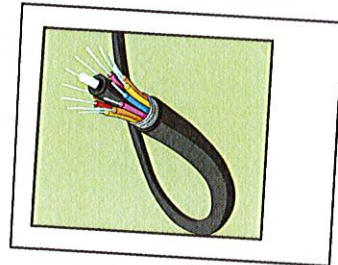
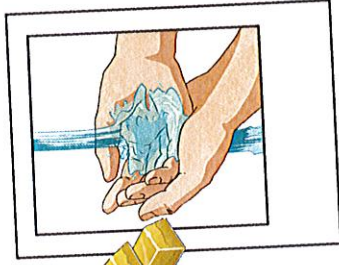
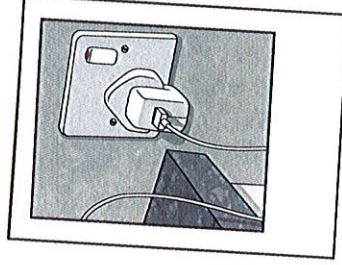


Conductors and Insulators

6 Materials that allow electricity to flow
11 through them are called conductors.
17 Metals are good conductors of electricity.
24 For this reason, copper is used inside
30 wires and plugs. Other examples of
35 conductors include gold, silver and
40 aluminium. However, not all conductors
46 are metal. Water can conduct electricity
55 so it is important to keep it away from
60 electrical items to avoid harm.

.....

65 Insulators do not allow electricity
71 to flow through them. Plastic, wood,
78 paper, rubber and glass are examples of
84 insulators. As they can protect people
90 from getting an electric shock, insulators
97 are used to cover materials that conduct
102 electricity. For example, the plastic
109 coating that is wrapped around a copper
116 wire acts as an insulator and protects
120 those handling the wire.



Questions



1. Find and copy the word that means the same as 'hurt'.



2. Which of the following does **not** conduct electricity? Tick one.

- ☐ silver
☐ water
☐ glass



3. What would be an appropriate sub-heading for paragraph 2?

4. Which would make a better conductor: a £1 coin or an elastic band? Explain your reasoning.