



**E-book Code:
REAU4003**



Ages 6 - 8

Starting Science

Book 2

**Electricity and Magnetism
Light and Sound
The Weather and its Effects
Forces and their Effects
Human Effects on the Environment**

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Teachers' Notes

TOPIC: Electricity and Magnetism - 'Plug it in'.

SKILL/S:

Identification; observation.

LEARNING OUTCOME/S:

Children will be able to:

1. Indicate which things need electricity to operate.
2. Distinguish between objects which use electricity and those that don't.

EQUIPMENT REQUIRED:

Worksheet.

Coloured pencils.

TEACHING POINTS:

Starting points

1. Talk about how we know that something needs electricity to work.
List indicators that electricity is used e.g. cords, switches, light bulbs etc.
2. How does this electricity get to our homes? Does it simply 'come out of the wall'?
Talk about the journey from the grid to the appliance.

Post-Use of Activity Page

Make a classroom display of electrical items.

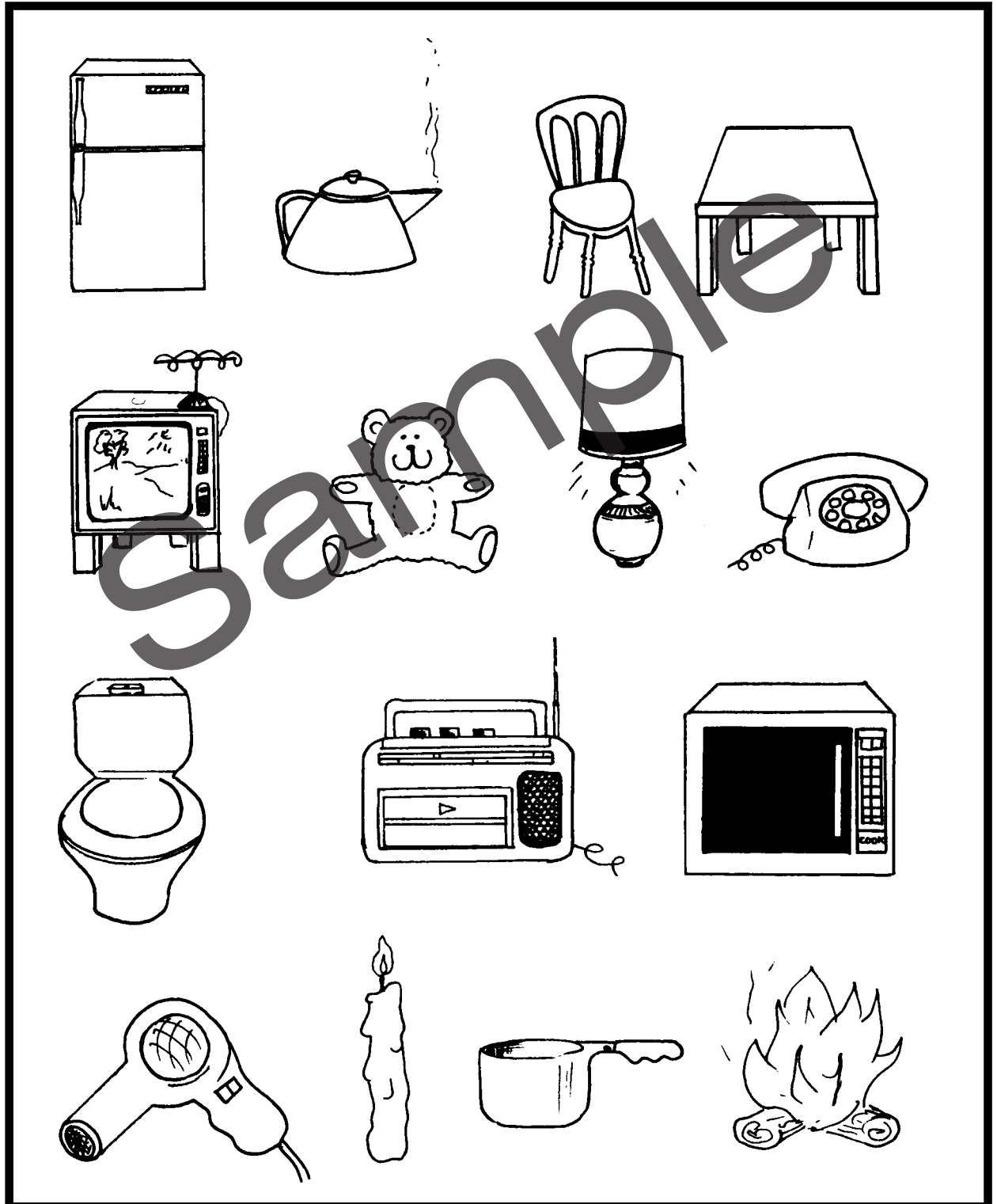
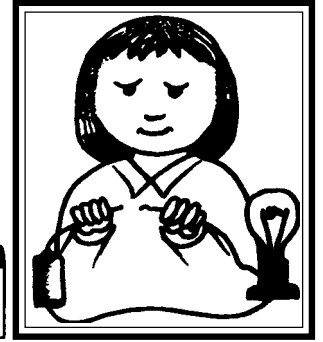
Label them and have children indicate the jobs they do for us.

Name

Plug it in!

Draw a circle around the things which use electricity.

Colour the things which use electricity.



Teachers' Notes

TOPIC: Electricity and Magnetism - 'Beware!'.

SKILL/S:

Identification; observation.

LEARNING OUTCOME/S:

Children will be able to:

1. Demonstrate an understanding of electrical danger spots in the home.
2. Demonstrate an understanding of what constitutes a danger spot e.g. frayed cord, uncovered plug.

EQUIPMENT REQUIRED:

Worksheet.

Coloured pencils.

TEACHING POINTS:

Starting points

1. Talk about the dangers of not handling electricity carefully. List danger spots on the blackboard as children suggest them.
2. Consider the dangerous possibilities of electricity combined with something else e.g. water.

Post-Use of Activity Page

1. Devise a set of rules which can be displayed with the electrical items collection (previous activity).
2. Discuss conservation of electricity and how this can save money and help the environment.

Name

Beware!

Colour the picture.

Put a red cross on all the danger spots you can see.

