

KS1 Science Quiz - Energy - Electricity and Safety at Home (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Science for children aged 5 and 6 in years 1 and 2. Specifically this quiz is aimed at the section dealing with safety around energy in the home.

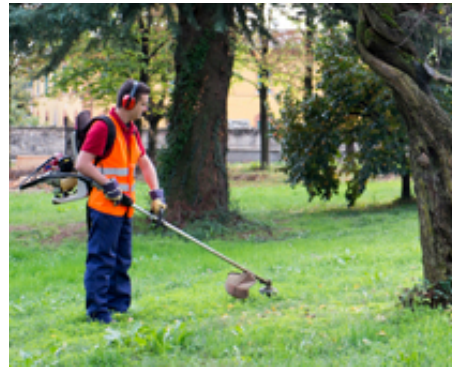
You have learned about how we heat and light our homes. We use energy to cook and to clean. Different kinds of energy help us. Electricity is very useful. So are gas cookers and stoves. But energy can also hurt us. Electricity can be very dangerous, and anything that is very hot can be dangerous. Do you know the rules for staying safe around the home? In this quiz, we look at energy around the home and some rules for helping to stay safe.

1. Harry is washing his hands. What must he do next?



- Dry his hands
- Brush his hair
- Run outside
- Eat a biscuit

2. This man is cutting grass with a strimmer. What should you do?



- Keep well away
- Play in the grass
- Kick a ball about
- Watch closely

3. This is a wood-burning stove. The stove is black in colour. The black surface of the stove is:



- Cold
- Cool
- Warm
- Very hot

4. Maria's house has an open fire. What do people burn on an open fire?



- Coal and wood
- Oil and gas
- Wool and cotton
- Plastic and rubber

5. What is this?



- A toy
- A box of matches
- A game
- A set of counters

6. Amy's Dad is putting a ____ into a socket.



- Switch
- Plug
- Bulb
- Balloon

7. Harriet is in danger. What is she doing wrong?



- Harriet is in the kitchen
- Harriet is in a blue jumper
- Harriet is pulling a pan off the cooker
- Harriet has started school

8. Adam's Dad is fitting a safety cover. He is fitting it:



- To a light switch
- To an electrical socket
- To a remote control
- To a bulb

9. Which one of these is always dangerous?



- Cold water from the tap
- Warm water from the tap
- Boiling water
- Ice cubes from the freezer

10. Ellie and Luke are baking. What must they do before they start baking?



- Play outside
- Play inside
- Wash and dry their hands
- Run round the kitchen

KS1 Science Quiz - Energy - Electricity and Safety at Home (Answers)

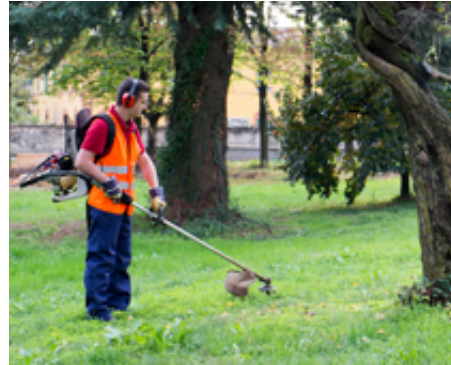
1. Harry is washing his hands. What must he do next?



- Dry his hands
- Brush his hair
- Run outside
- Eat a biscuit

Always dry your hands. Never touch anything electrical with wet hands

2. This man is cutting grass with a strimmer. What should you do?



- Keep well away
- Play in the grass
- Kick a ball about
- Watch closely

Always keep well away from machinery

3. This is a wood-burning stove. The stove is black in colour. The black surface of the stove is:



- Cold
- Cool
- Warm
- Very hot

Stoves get very hot. Never touch a stove

4. Maria's house has an open fire. What do people burn on an open fire?



- Coal and wood
- Oil and gas
- Wool and cotton
- Plastic and rubber

Fires can be warm and cosy. But all fires can be dangerous. Never go near an open fire

5. What is this?



- A toy
- A box of matches
- A game
- A set of counters

Never play with matches. Leave matches to adults

6. Amy's Dad is putting a ____ into a socket.



- Switch
- Plug
- Bulb
- Balloon

Never play with plugs and sockets. Leave plugs to adults

7. Harriet is in danger. What is she doing wrong?



- Harriet is in the kitchen
- Harriet is in a blue jumper
- Harriet is pulling a pan off the cooker
- Harriet has started school

This is very dangerous. The pan will be very hot. The pan may have boiling water in it. Never get hold of a pan on the cooker

8. Adam's Dad is fitting a safety cover. He is fitting it:



- To a light switch
- To an electrical socket
- To a remote control
- To a bulb

Never play with electrical sockets

9. Which one of these is always dangerous?



- Cold water from the tap
- Warm water from the tap
- Boiling water
- Ice cubes from the freezer

Boiling water is always dangerous

10. Ellie and Luke are baking. What must they do before they start baking?



- Play outside
- Play inside
- Wash and dry their hands
- Run round the kitchen

What do you think Ellie and Luke are baking?