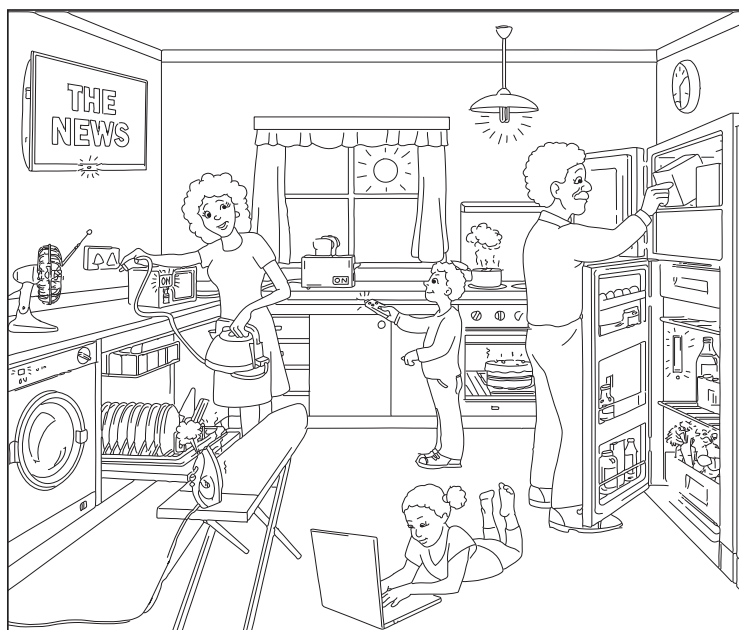


Energy efficiency activity sheet

Family in the kitchen



Study the picture and see what each member of the family is doing:

Question 1: List the appliances that use electricity in the picture.

Answer 1:

- _____
- _____
- _____

Question 2: Why do you think there is no need for the light to be on?

Answer 2: _____

Question 3: Give reasons why the family is not using electricity wisely - use examples from the picture.

Answer 3:

- _____
- _____
- _____

Question 4: The TV has a remote control. What do you think is the energy efficient way to switch off the TV when the family go to sleep at night?

Answer 4: _____

Question 5: Who do you think should be responsible for saving electricity in the family?

Answer 5: _____

Supporting letter to educators and parents

Energy efficiency activity sheet: Family in the kitchen

Dear teacher / parent

It is a privilege to supply you with an energy efficiency activity sheet, a playful and interactive tool for use by teachers in the classroom and by parents spending time with their children after school or on weekends.

Thank you for using information about the wise use of electricity to nurture and develop young minds.

Answers to questions 1 to 5

Answer 1:

- Television
- Microwave
- Fan
- Kettle
- Iron
- Dishwasher
- Washing machine
- Toaster
- Stove plate
- Oven
- Refrigerator
- Laptop
- Electric clock
- Light

Answer 2: It is daytime – the sun is shining through the kitchen window; no lights are needed.

Answer 3:

- The iron on the ironing board is switched on – nobody is using it. It should be switched off when it is not used.
- The microwave and the stove plate and the oven are used to prepare food – the family can save electricity by using only one of these appliances to prepare breakfast.
- The father should close the fridge door as quickly as possible to prevent too much cold air from escaping.
- The television is switched on and shows the NEWS – mom and dad are not watching it and the son may not be interested to watch it. The television could be switched off.

Answer 4: The television should be switched off at the power button when the family goes to sleep at night. If it is switched off with the remote control the television remains on standby and still uses electricity.

Answer 5: The whole family should be responsible to save electricity in the home – the family should teach each other tips on how to save electricity.

Kindly rate this activity sheet after having used it. Your input and comments will help us to improve our energy efficiency education material for South Africa's children.

Was it easy to use the activity sheet?

Circle your rating:

1 = not suitable / 2 = adequate / 3 = appropriate / 4 = good, / 5 = excellent.

Comments:

Did children find the activity engaging?

Circle your rating:

1 = not suitable / 2 = adequate / 3 = appropriate / 4 = good / 5 = excellent.

Comments:

Do you think children will apply their new knowledge at home?

Y	N
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Comments:

Would you like to receive more FREE energy efficiency resource material in future?

Y	N
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Comments:

Contact details

Name (teacher / parent):.....
E-mail address (teacher / parent):.....
Contact number (teacher / parent):.....
School name and street address (teacher):.....
School postal address (teacher):.....
Which grade do you teach (teacher)?.....
Home street address (parent):.....
Home postal address (parent):.....

Please e-mail your comments and answers to info@eskomschoolyard.co.za or
fax them to 086 459 4697

More CAPS-aligned educator guides and learner activity sheets on energy efficiency for other grades can be downloaded for free at www.eskom.co.za/idm. Click on the School Yard button.

Moreover, if you have or teach five to seven year olds, Ruby and the Powerpals can be downloaded for free at www.rubybook.co.za or www.eskom.co.za/idm. This colourful children’s book features a collection of four stories (together with sing-along-songs on CD) that introduces children to Ruby, a little girl who learns how to save electricity by interacting with four special friends in her home - Laaitie the Lightswitch, Hottie the Hot Tap, Freddie the Fridge, and TiniRemote, the television remote.

Sincerely

Eskom Energy Efficiency Education Programme