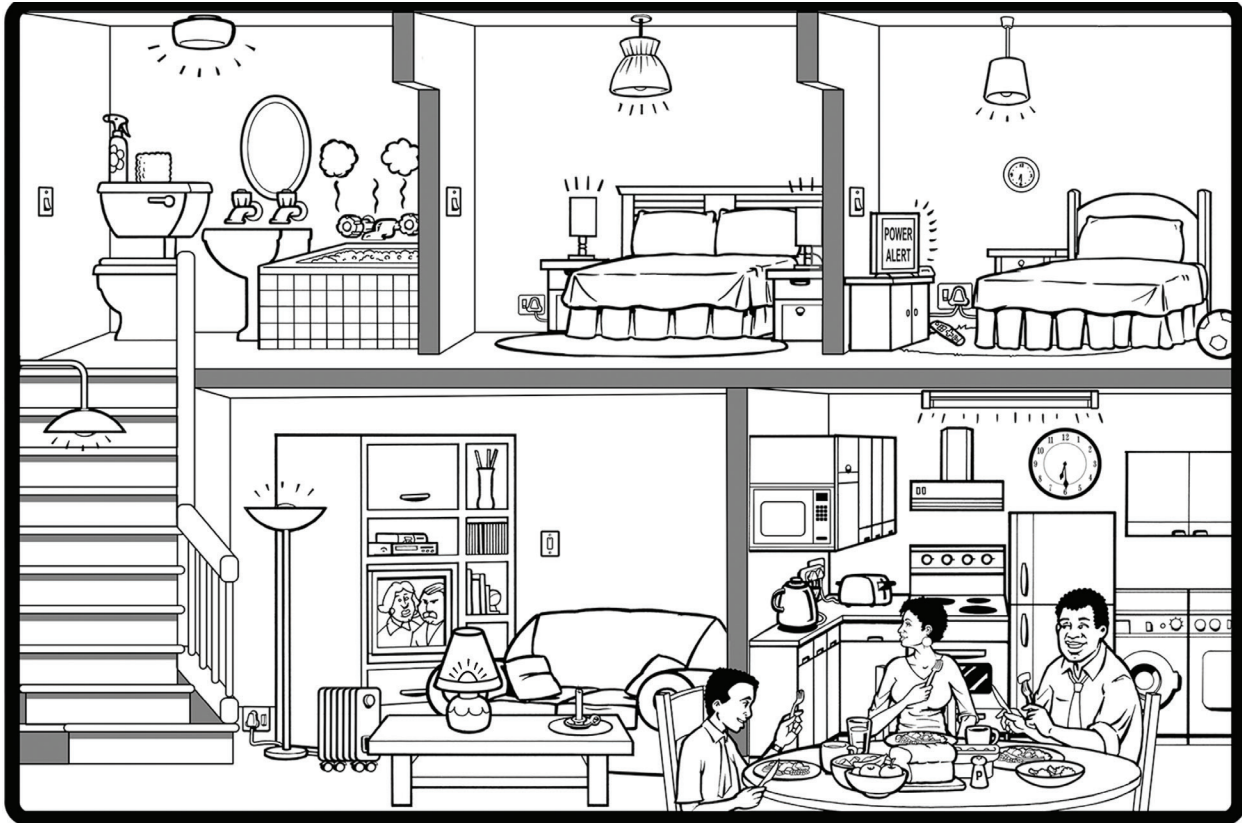


Energy efficiency activity sheet

Family having supper



Activity 1:

Circle (in red) the lights in the four rooms you think should be switched off while the family is having supper.

Question 1: Count the number of lights that should be on while the family is having supper.

Answer 1:

Question 2: Count the number of lights that should be off while the family is having supper.

Answer 2:

**Question 3: Look in the bathroom. The bath is full to the brim.
Why does it waste energy if you overfill the bath?**

Answer 3:

Question 4: Is anyone watching the television upstairs and downstairs?

Answer 4:

Supporting letter to educators and parents

Energy efficiency activity sheet: Family having supper

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 4

Answer 1: Two - one light in the kitchen and one light at the stairs.

Answer 2: Seven – two lights in the lounge, one light in the bathroom, three lights in the middle bedroom and one light in the bedroom on the right.

Answer 3: Wasting hot water by overfilling the bath means wasting the energy that heated the water for the bath.

Answer 4: No, no one is watching. When no one is watching the television, switch it off. Switch off at the television, and not with the remote control. Switching off with the remote control means the television is still using power.

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.

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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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