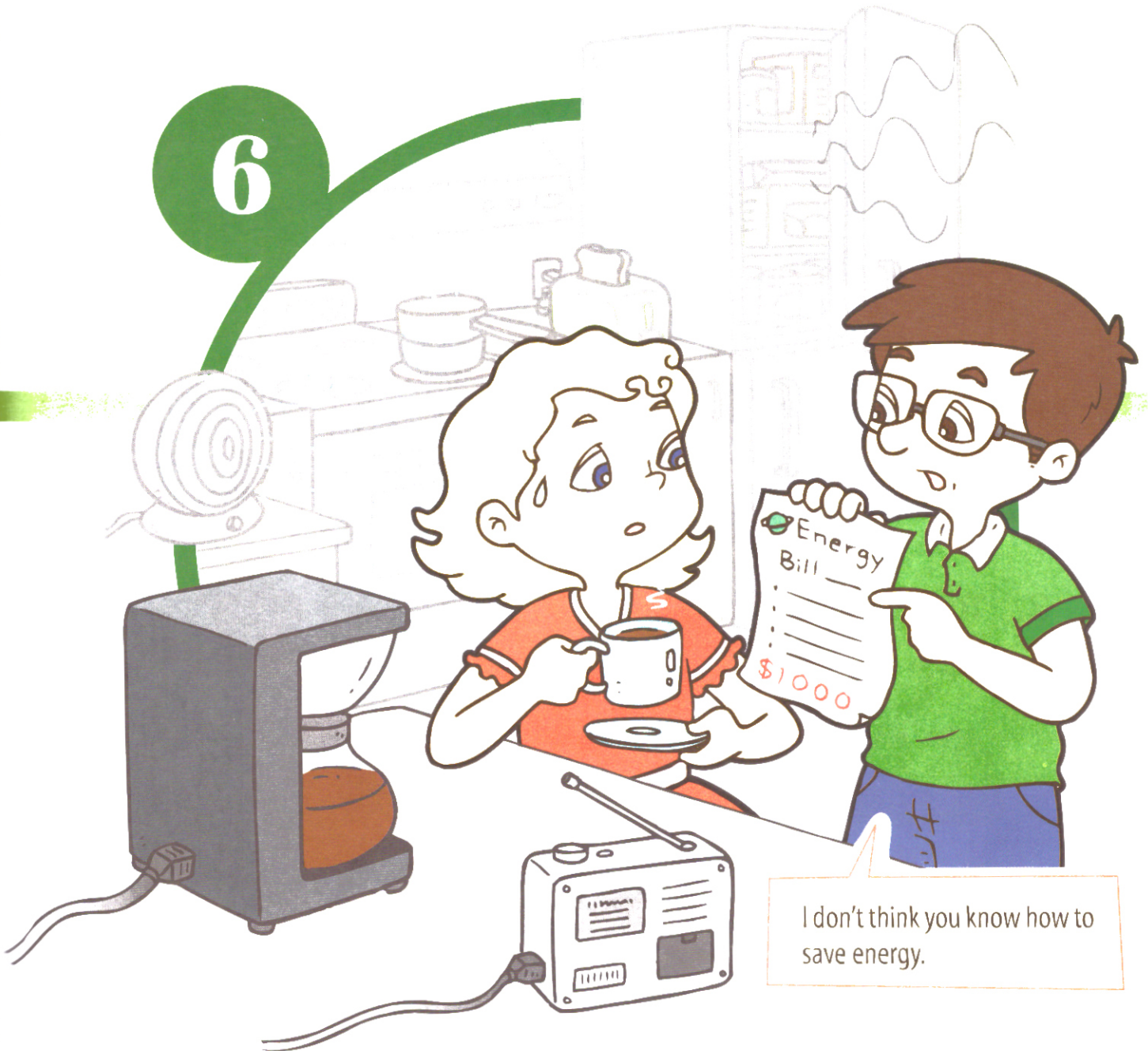


Saving Energy

6



In this unit, students will:

- identify some energy sources.
- understand the importance of conservation of energy.
- identify the ways to save energy in different seasons.
- understand that some devices must be kept on to carry out their functions.

6

A. Write the energy source that each object needs. Then put a check mark ✓ or a cross X in each circle to show if the energy source is limited.

Energy Sources

sun

wind

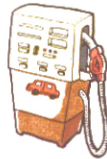
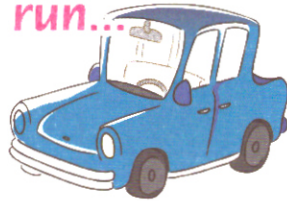
gas

water

petroleum

Limited?
(✓/✗)

1. To run...



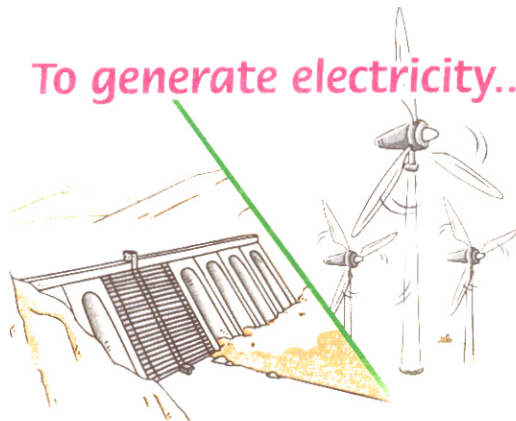
2. To cook...



3. To live and grow...



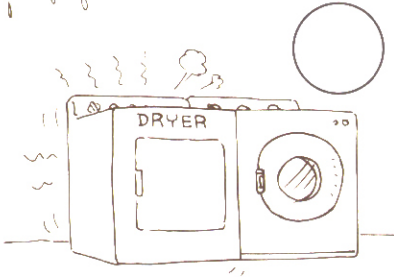
4. To generate electricity...



Even though some energy sources are not limited, we should still conserve energy because energy is difficult to make!

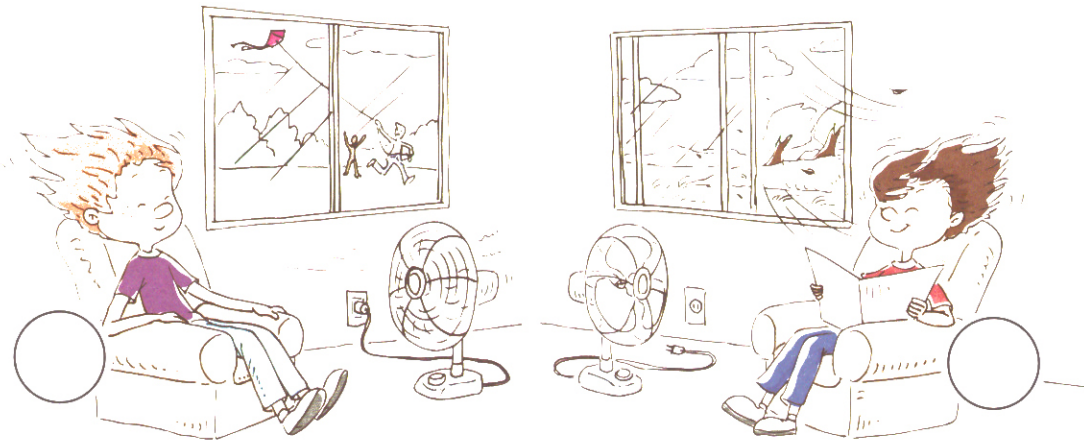
B. Check ✓ the one where energy is conserved.

1.

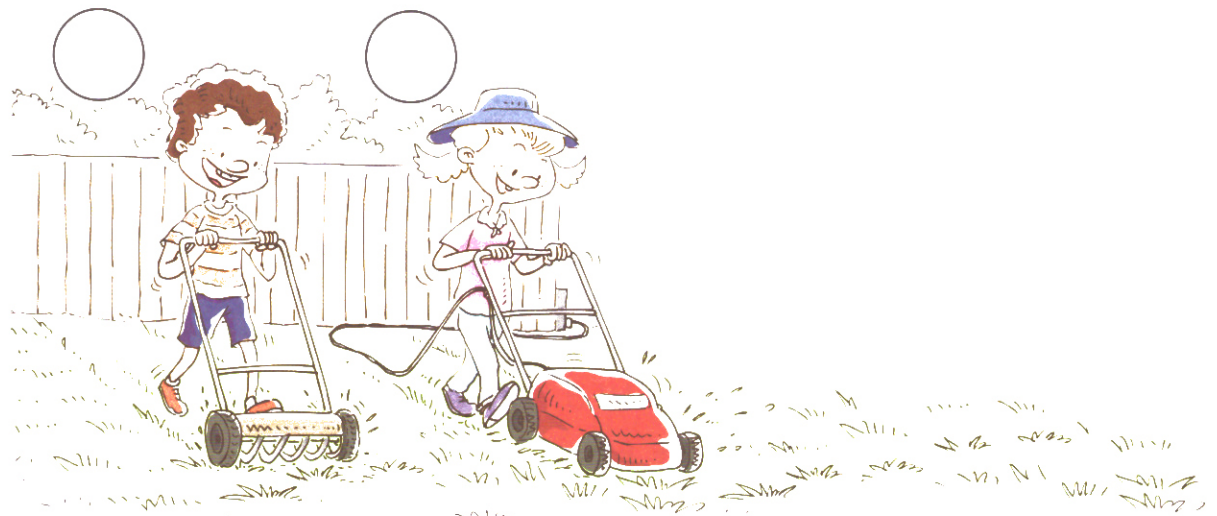


Some energy sources will run out one day. We should not waste any energy and should use energy wisely.

2.



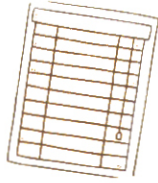
3.



C. Fill in the blanks to show how you can save energy.

Saving Energy in **Summer**

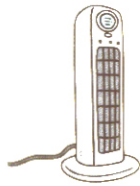
short fan blinds



Close curtains and 1. _____ to block sunlight from warming the house.



Wear 2. _____-sleeved tops and shorts to keep cool.

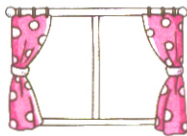


Use a 3. _____ to keep cool instead of turning down the thermostat.

Saving Energy in **Winter**



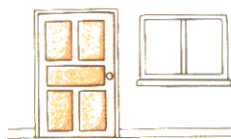
sweaters open doors



4. _____ curtains and blinds to let sunlight warm the house.



Wear 5. _____ and other thick clothing instead of turning up the thermostat.

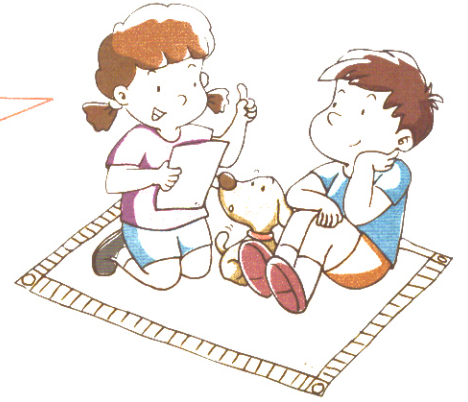


Make sure the windows and 6. _____ do not have leaks.

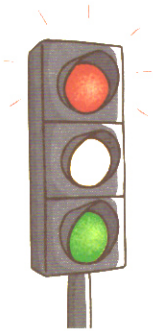
D. Read what the girl says. Then check ✓ the reasons why the things must be kept on.

Things That Are Kept On

Some things must be kept on at all times to carry out their functions.



1.



A traffic light...

- lights up the street.
- directs traffic.
- decorates the street.

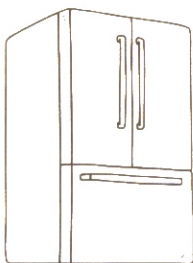
2.



A nightlight...

- looks good in the dark.
- keeps a room bright.
- lights in the dark.

3.








A refrigerator...

- keeps food fresh.
- cools you down when it is opened.
- cools the kitchen.

Try this

Are You a Smart Energy User?

Test yourself to see whether or not you are a smart energy user. Put a check mark ✓ in the light bulb if you do the following; otherwise, put a cross ✗.

-  Turn off the lights when you leave a room.
-  Monitor the use of shades or blinds on your windows.
-  Turn off the computer when you are not using it.
-  Do not leave the refrigerator open. Decide what you want before you open it.
-  Turn off the television when not in use.

If you check all the light bulbs, you are a really smart energy user. You can do this activity with your friends and let them know how to be energy-smart.



Checklist

Are you able to...

- identify some energy sources?
- tell why it is important to conserve energy?
- identify the ways to save energy in different seasons?
- explain why some devices must be kept on to carry out their functions?