



3



SCIENCE

Quarter 3 - Module 7

Uses of Electricity in Everyday Life



Name of Learner: _____

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- JANUARY
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- JUNE
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- JULY
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Madaginoton
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Science – Grade 3

Support Material for Independent Learning Engagement (SMILE)

Quarter 3 – Module 7: Uses of Electricity in Everyday Life

First Edition, 2021

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Printed in the Philippines by

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Lesson 7

Uses of Electricity in Everyday Life



What I Need to Know

This module was designed and written in a way that suits your understanding and needs. It is here to help you master in **describing the different uses of light, sound, heat, and electricity in everyday life (S3LT-IIIa-b-1)**, and apply the knowledge of the sources and uses of light, sound, heat, and electricity. This module is about;

Lesson 1: Uses of Electricity in Everyday Life

Objective: Describe the different uses of light, sound, heat, and electricity in everyday life



What's In

In the previous lesson, you learned about the different uses of heat in everyday life. Can you still recall them? Answer the activity below.

Activity 1:

Directions: Read each statement carefully. Select the correct answer from the word box and write your answer in the blank space provided. (1 point each)

Word Box					
rice	cooker	flat iron	candle	sun	heat
washing machine					

1. The _____ produces heat and light and commonly used in areas where there is no electricity.
2. _____ is an important energy for us to cook our food.
3. The _____ uses electricity to produce heat for us to cook food.
4. A _____ is an appliance that uses heat in pressing our clothes.
5. A good way in drying our clothes is to put them under the heat of the _____.

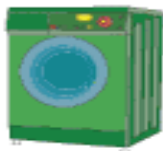
Heat, light, and sound are forms of energy that is useful in our everyday life. In this module, we will be talking about another form of energy which is electricity. Electricity affects all aspects of life, it is used in transportation, to power machines, in cooking and baking, to power appliances and gadgets, and to light up our streets and homes.



What's New

Activity 2:

Direction: Circle the picture that uses electricity. (1 point each)



Most of the appliances at home use electricity to function. They are very useful in our everyday life because it makes our work easier and faster. In the next activity, you will learn more about things that use electricity and how important electricity is in our



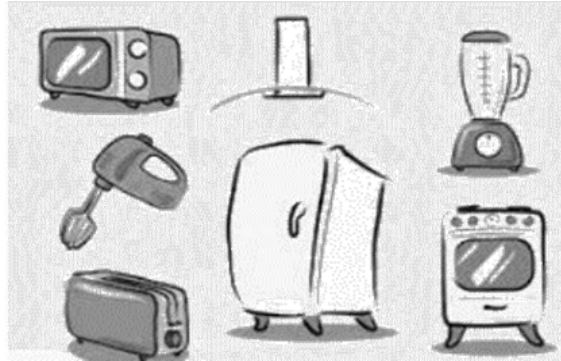
What is it

Think of a different world where you couldn't turn on a light a computer or even use a television to watch your favorite movie. We always use **electricity** in our daily lives. It is one of our most important types of energy and power that we use.

Electricity operates our lights



Runs our refrigerator and other kitchen appliances



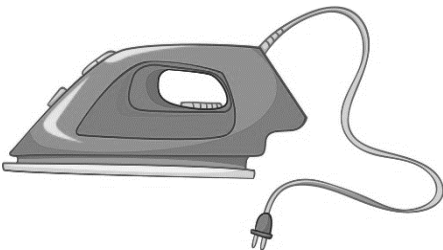
Run motors or other machines



Power and operates gadgets like cellphone, laptops, computers and others.



Electricity produce heat



Electricity produce sound



Activity 3:

Can you name other things that use electricity? Write it on the blank provided below.

- ◆ _____
- ◆ _____
- ◆ _____
- ◆ _____
- ◆ _____



What's More

Activity 4:

Directions: Read the statement below. Select the correct answer from the word box and write your answer in the blank space provided.

television	washing machine	flat iron
cellphone	radio	light bulb

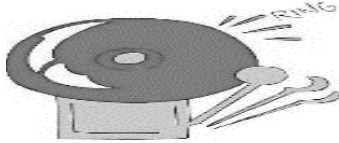




- _____ 1. This appliance uses electricity for us to wash our clothes.
- _____ 2. A gadget that uses electricity to function so we can text and call our friends.
- _____ 3. A thing that uses electricity to light up your home and streets.
- _____ 4. The use of this appliance helps us in ironing our clothes.
- _____ 5. This appliance uses electricity for us to watch our favorite show.



What I Have Learned

Activity 5:

Directions: Each objects use electricity to function. Tell if the objects produce **light**, **heat** or **sound** by putting a check mark (/) in the correct columns.

Object	Light	Heat	Sound
			
			
			
			
			



What I Can Do

Activity 6:

Directions: Read each statement carefully. Draw ☺ a if you agree with the statement and ☹ if not.

- _____ 1. Avoid touching electrical devices with wet hands and feet.
- _____ 2. Touch electrical sockets with bare hands.
- _____ 3. Using cellphone while it's charging.
- _____ 4. Avoid playing with electricity.
- _____ 5. Repair open wires without adult's help.



Assessment

Direction: Encircle the letter of the best answer.

1. Which of these materials does not produce sound when powered by electricity?
 - A. radio
 - B. flat iron
 - C. refrigerator
 - D. electric fan
2. What energy are being produced when you turn on a flat iron?
 - A. sound - light
 - B. light - heat
 - C. heat - air
 - D. wind - heat
3. This appliance uses electricity that allows us to store and cool our food?
 - A. scanner
 - B. refrigerator
 - C. television
 - D. light bulb
4. Which of the following explains why humans need electricity? Electricity can _____.
 - A. power most of our machines and appliances.
 - B. be very dangerous and must not be used at all.
 - C. cause fire and must be avoided.
 - D. cause problems with the environment.
5. Which of the following does not talk about electrical safety?
 - A. Do not touch electrical sockets with bare hands
 - B. Never use electrical appliances when taking a bath
 - C. Broken wires should be fixed immediately without adult's help
 - D. Avoid playing with electricity



Additional Activity

Directions: List at least 5 different electrical appliances found at home. Describe how each appliance helps you in your everyday life.

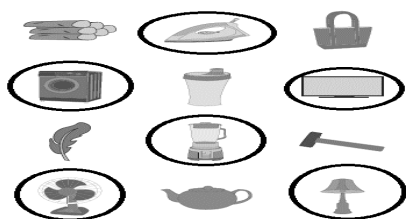
Electrical Appliances	How does it help you in your everyday life?
1.	
2.	
3.	
4.	
5.	

ANSWER KEY

Activity 1:

- candle
- heat
- rice cooker
- flat iron
- sun

Activity 2:



Activity 3

(Answers may vary)

Activity 4

- washing machine
- cellphone
- light bulb
- flat iron
- television

Activity 5

Object	Light	Heat	Sound
			✓
	✓		
		✓	
			✓
	✓		

Activity 6

-
-
-
-
-

Assessment

- B
- C
- B
- A
- C

Additional Activities

(Answers may vary)

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