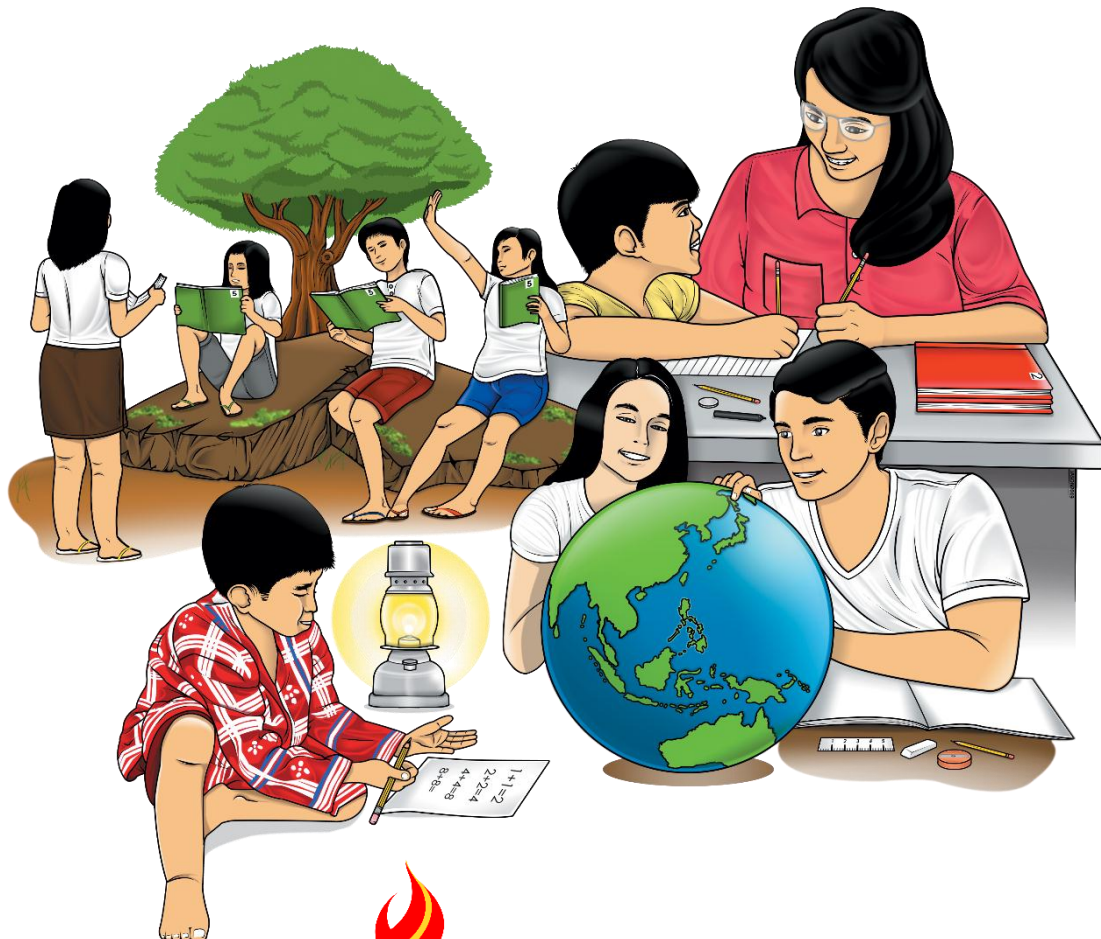


Science

Quarter 2 – Module 7

Importance of Plants to Humans



Science – Grade 3
Alternative Delivery Mode
Quarter 2 – Module 7: Importance of Plants to Human
First Edition, 2020

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Science

Quarter 2 – Module 7: Importance of Plants to Humans

Introductory Message

This Self-Learning Module (SLM) is prepared so that you, our dear learners, can continue your studies and learn while at home. Activities, questions, directions, exercises, and discussions are carefully stated for you to understand each lesson.

Each SLM is composed of different parts. Each part shall guide you step-by-step as you discover and understand the lesson prepared for you.

Pre-tests are provided to measure your prior knowledge on lessons in each SLM. This will tell you if you need to proceed on completing this module or if you need to ask your facilitator or your teacher's assistance for better understanding of the lesson. At the end of each module, you need to answer the post-test to self-check your learning. Answer keys are provided for each activity and test. We trust that you will be honest in using these.

In addition to the material in the main text, Notes to the Teacher are also provided to our facilitators and parents for strategies and reminders on how they can best help you on your home-based learning.

Please use this module with care. Do not put unnecessary marks on any part of this SLM. Use a separate sheet of paper in answering the exercises and tests. And read the instructions carefully before performing each task.

If you have any questions in using this SLM or any difficulty in answering the tasks in this module, do not hesitate to consult your teacher or facilitator.

Thank you.



What I Need to Know

This module was designed and written with you in mind. It is here to help you master the skill in stating the importance of plants to humans **(S3LT-Ile-f-9)**.

The scope of this module allows it to be used in many different learning situations. The language used recognizes the different vocabulary level of students. The lessons are arranged to follow the standard sequence of the course. But the order in which you read them can be changed to be similar with the textbook you are now using.

The module has only one lesson but packed with different activities that a learner can explore and have fun while learning.

After going through this module, you are expected to be able to:

1. State the importance of plants to humans;
2. Identify parts and function of plants and their importance to humans; and
3. Describe proper ways of handling plants



What I Know

Choose the letter of the correct answer. Write your answers in your notebook.

- ___ 1. Plants provide us medicine, clothing and _____.
a. time b. rest c. food d. exercise
- ___ 2. The following are green leafy vegetables that we use in cooking some of our favorite dishes, except:
a. alugbati b. kangkong c. papaya d. pechay
- ___ 3. The following are plants that provide us materials for clothing, except:
a. abaca b. cotton c. guava leaves d. ramie
- ___ 4. The leaves of this plant are used for washing wounds and for aromatic bath.
a. guava b. guyabano c. lemongrass d. malunggay
- ___ 5. Which of the following is not produced by plants?
a. firewood b. oil c. salt d. timber

The Importance of Plants to Humans



What's In

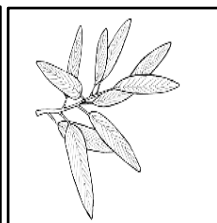
In the previous module you have learned the parts of different plants. Some plants bear fruits and flowers while others do not. Some of them have complete parts, and others do not have. Let us see if you still remembered the plant parts and its functions.

Direction: Identify the parts of the plant as described in the following sentence and drawing. Write your answer on a separate sheet of paper.

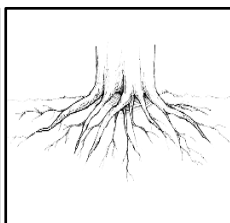
1. Plants may die if they do not have these. The _____ absorb water and minerals from the soil.
2. The part of the plant that contains the seed is called _____. This helps the plant to reproduce.
3. The _____ produce food for plants. The plants need nutrients too.
4. The _____ carries food and water to all other parts. They need this to live.
5. The plant part that produces seeds or fruit is called _____.



flowers



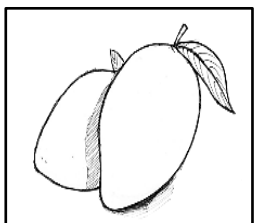
leaves



roots



stem



fruits



What's New

A Day with Lolo Ono

Lolo Ono is an old man living in his farm with plenty of plants and animals. One Saturday, Bona and Toni came to visit him in his place and found him all alone.

Toni : Good Morning Lolo, I am happy to meet you

Bona: I miss you Lolo Ono

Lolo Ono: I am happy to see you both.

Tony: I am happy that I have come to this place.

Aren't you afraid of living alone here Lolo?

Lolo Ono: No I'm not. I know I can survive here. I have planted fruits and vegetables for my food.

There are also trees and animals around me.

I can live my life with all of these plants around me for the rest of my life.

Bona: I wish I could stay here too Lolo. The air is so fresh.

Tony: Me too. The plants are healthy and fresh.

Lolo Ono: Of course you can stay with me when your vacation comes!

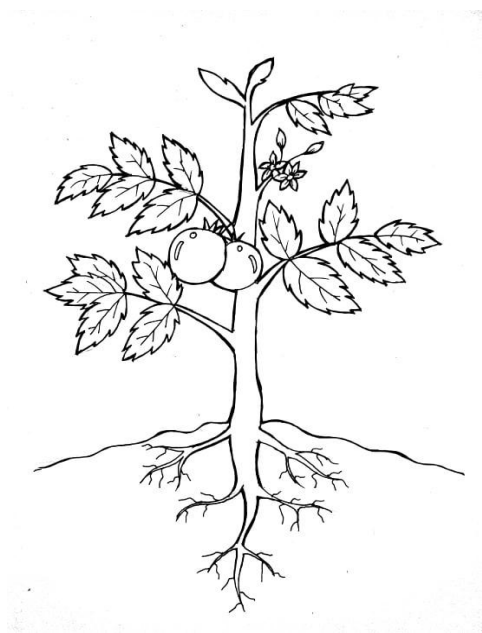
Guide Questions:

1. Why did Bona and Tony want to live with Lolo Ono?
2. Why is Lolo Ono not afraid to live in the mountain all alone?



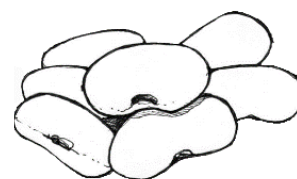
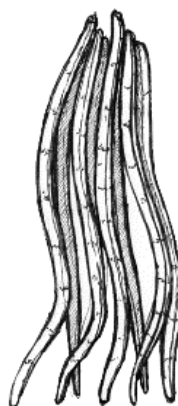
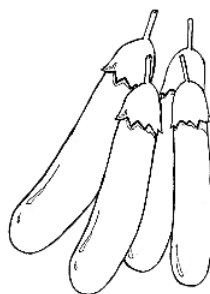
What's New

Plants play a vital role in our lives. They provide human needs and necessities. Plants provide food and materials for man's use like clothing and medicine. They also beautify the surroundings when they are used for decoration and display.



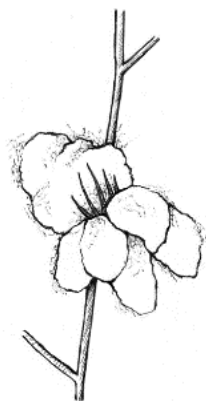
Plants as Food

Humans use green plants as food. The leaves, seeds or fruits and even flowers can be eaten. These plants are called vegetables. Vegetables are good for our body. Healthy living includes healthy diet through eating fruits and vegetables.



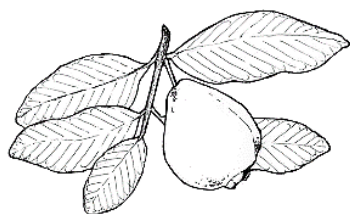
Plants as Material Used in Making Clothes

There are also plants that provide us with materials that can be made into cloth for clothing. Some of these plants are cotton, ramie, abaca and pineapple leaves. Pineapple leaves are often used in making “barong”.

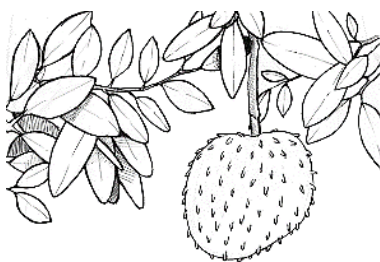


Plants as Medicine

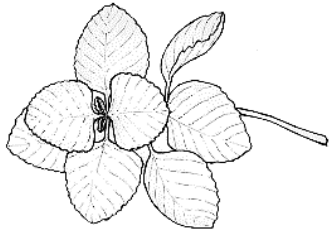
Medicines are substances which prevent or cure ailments. Many medicines come from plants. Some plants are grown under controlled conditions to produce medicine. They are also called herbal plants or medicinal plants.



Guava leaves are used for washing wounds and used for aromatic bath.



Guyabano leaves are used to cure stomach pain and diarrhea.



The juice of pound leaves of oregano is also good for cough and asthma.



Tanglad or lemongrass can be used as mouthwash and also used to cure headache.

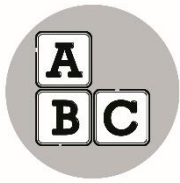
There are plants that can be used as both food and medicine.

Plants as Decoration and Display

Ornamental and flowering plants give attractions and add to the beauty of a particular scenery. They come in many colors and sizes.



Plants also provide many products for human use, such as firewood, timber, fibers, dyes, pesticides, oils, and rubber.



What's More

Activity A. Direction: Go to a garden near your house and look for plants that can be used as food, medicine and clothing. List the name of the plants below according to their uses. Write your answer in your notebook.

Plants used as Medicine	Plants used as Food	Plants used for Clothing

Activity B. Direction: Copy the following words in your notebook and encircle the word that does not belong to the group.

- santol guava pechay
- tsaang gubat kangkong lemongrass
- mango eggs coconut
- salt paper wood
- plate cotton ramie

Activity C. Direction: Look at each picture below and identify its uses. Write E if it is used as food, C if it is used as clothing, and M if it is used as medicine

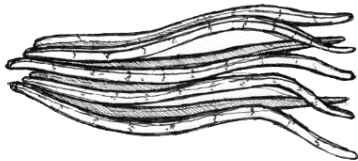
____ 1.



____ 2.



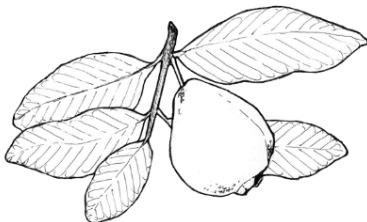
____ 3.



____ 4.



____ 5.



Activity D. Direction. Write ✓ on the space before each number if the statement shows care for plants, and X if it does not. Do this in your notebook.

- _____ 1. Water your plants regularly.
- _____ 2. Apply commercial fertilizers to plants.
- _____ 3. Pull unnecessary weeds surrounding plant.
- _____ 4. Cultivate plants to allow enough air to enter the soil.
- _____ 5. Play with the flowers of the plants in the garden.



What I Have Learned

- Plants play a very important role to human.
- Plants provide us food like vegetables, fruits, root crops, rice and corn.
- Some parts of the plants are good sources of clothing materials.
- Plants are used as medicine and some as ornamentals and decorations.
- We cannot live without plants. We should take good care of them just like how we take care of



What I Can Do

Go out from your house and list the foods and products that we get from plants.

FOOD	PRODUCTS



Assessment

Choose the letter of the correct answer. Write your answers in your notebook.

___ 1. The following states the importance of plants to humans and all living things, except:

- a. They give food.
- b. They offer harmful effect to animals.
- c. They provide materials for human use.
- d. They are used to cure and prevent ailments.

___ 2. Lina wants to build a house made of wood. Lina needs a

- a. sambong b. santan c. tree d. vegetables

___ 3. Plants provide materials in making clothes. The leaves of this plant are often used in making “barong”.

- a. guava leaves
- b. narra leaves
- c. papaya leaves
- d. pineapple leaves

___ 4. The juice from its pound leaves is good for cough and asthma.

- a. guava
- b. oregano
- c. sambong
- d. tanglad

___ 5. Guyabano Leaves are used to cure _____.

- a. allergy
- b. cough and asthma
- c. headache
- d. stomach pains and diarrhea



Additional Activities

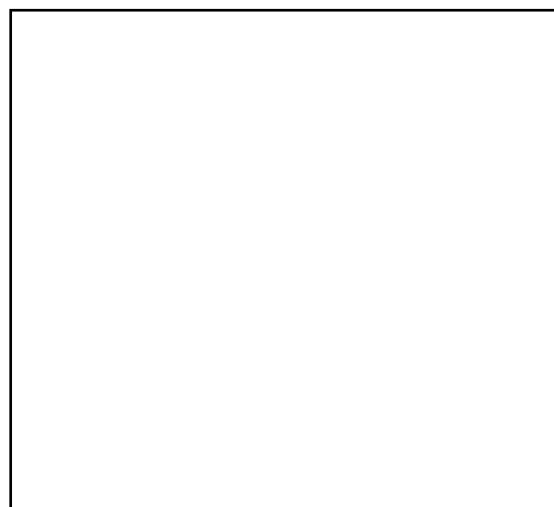
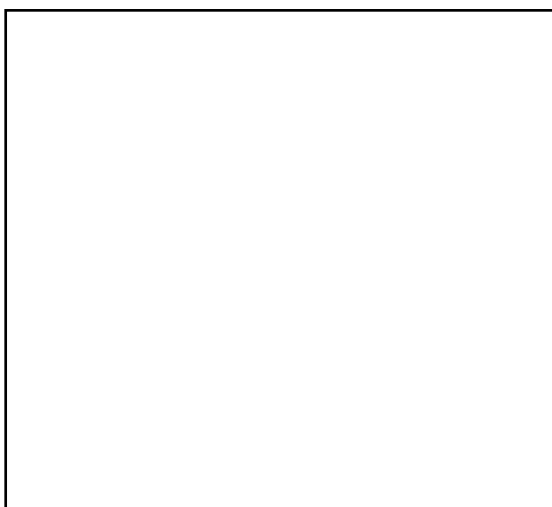
Draw 2 (two) plants that can be used as food, human use, display/ decoration in a separate sheet of paper.

For Food

For human use



For display and decoration





Answer Key

<p>What I Know</p> <ol style="list-style-type: none"> 1. c 2. c 3. c 4. a 5. c 	<p>What's In</p> <ol style="list-style-type: none"> 1. roots 2. fruits 3. leaves 4. stem 5. flowers 	<p>What's More</p> <p>A. Answers may vary</p> <p>B.</p> <ol style="list-style-type: none"> 1. peachay 2. kangkong 3. eggs 4. salt 5. plate <p>C.</p> <ol style="list-style-type: none"> 1. F/M 2. M 3. F 4. C 5. F/M <p>D.</p> <ol style="list-style-type: none"> 1. ✓ 2. X 3. ✓ 4. ✓ 5. X
<p>What I Can Do</p> <p>Answer may vary</p>	<p>Assessment</p> <ol style="list-style-type: none"> 1. b 2. c 3. d 4. b 5. d 	<p>Additional Activity</p> <p>Answer may vary</p>

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