



Republic of the Philippines
Department of Education
National Capital Region
DIVISION OF CITY SCHOOLS – MANILA
Manila Education Center Arroceros Forest Park
Antonio J. Villegas St. Ermita, Manila



SCIENCE 1

Grow Little Plant, Grow!

Quarter 2: SLeM Week 5

**Learning Competency:
Investigates what plants need to live.**

GOVERNMENT PROPERTY
NOT FOR SALE

HOW TO USE THIS MODULE

Before you start answering the module, I want you to set aside other **tasks** that will disturb you while enjoying the lessons. Read the simple instructions below to successfully enjoy the objectives of this kit. *Have fun!*

1. Follow carefully all the contents and instructions indicated in every page of this module.
2. *Write on your notebook or any writing pad the concepts about the lessons. **Writing enhances learning**, that is important to develop and keep in mind.*
3. Perform all the provided activities in the module.
4. Let your facilitator/guardian assess your answers.
5. Analyze conceptually the posttest and apply what you have learned.
6. Enjoy studying!

PARTS OF THE MODULE

- **Expectations** - These are what you will be able to know after completing the lessons in the module.
- **Pre-test** - This will measure your prior knowledge and the concepts to be mastered throughout the lesson.
- **Looking Back** - This section will measure what learnings and skills that you understand from the previous lesson.
- **Brief Introduction** - This section will give you an overview of the lesson.
- **Activities** - These are activities designed to develop critical thinking and other competencies. This can be done with or without a partner depending on the nature of the activity.
- **Remember** - This section summarizes the concepts and applications of the lessons.
- **Checking your Understanding** - It will verify how you learned from the lesson.
- **Post-test** - This will measure how much you have learned from the entire module

EXPECTATION

Specifically, this module will help you to

1. State that plants need sunlight, water, and air to live.
2. Grow plant from cuttings.

PRE-TEST

Directions: Write **T** if the sentence is correct and **F** if it is wrong.

- _____ 1. Water plants 5 times a day.
- _____ 2. Plants need good soil to grow well.
- _____ 3. Indoor plants need water and sunlight.
- _____ 4. Plants grow well in the company of grasses.
- _____ 5. Plants need carbon dioxide to make food.

Looking Back to your Lesson

Directions: Read the sentences below. Select and write only the letter of your best answer.

- 1. Plants grow well in _____ area.
 - A. Dark area
 - B. sun lighted area
- 2. Plants can never live with water.
 - A. True
 - B. False
- 3. Which statement tells about how plants live?
 - A. Plants need water, soil, and sunlight to grow.
 - B. Plants need clothing, shelter, and care.
- 4. Plants grow well with weeds and grasses.
 - A. Fact
 - B. Bluff
- 5. Plants can grow and live well in different places?
 - A. Correct
 - B. Wrong

BRIEF INTRODUCTION

Look around you. Can you see green plants? These plants grow because the environment provided their needs. Man, and animals help in providing the needs of plants to live.

In this lesson, you will plant a vegetable plant. You will provide their needs and let them live and grow.

Lesson 1

A Need to Plant

We need plants to live. They give us what we need such as food, medicines, clothing materials, and building materials. Plants give us oxygen to breathe, while we give off carbon dioxide which will help them make food. Plants need water everyday. Most of the plants need to be watered especially during dry season. Sunlight helps the plants in food making. Put them in a place where they can get enough sunlight. Plants also need good soil to grow well. Fertilizers can be added to have a healthier plant.



Photo Credit: Jocelyn Balisi

Plants can also make our surrounding beautiful. Let's give them care by not destroying them instead, make more of them. Protect them from insects by applying pesticides. Remove weeds and grasses around them.



Photo Credit: Jocelyn Balisi



We can grow plants direct on land or in pots. They can grow and become many.

Activity 1

- I. Objective:** Grow vegetable plant through cuttings.
- II. Title: Let Me Grow**
- III. Problem:** How do plants grow?
- IV. What to use:** pencil, worksheet
- v. What to do:** (Ask somebody to give you assistance)
 - 1. Choose a vegetable plant from the market that can grow from cutting the stem.
 - 2. Prepare a vegetable pot with good soil.
 - 3. Wet the soil in the pot.
 - 4. Plant the vegetable stem and put it in a place which is not under direct sunlight.
 - 5. Observe the plant everyday.
 - 6. Record your weekly observation till the end of Quarter 2.

Vegetable Plant: _____	Weekly Observation
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	

VI. Critical Thinking Questions

1. What are the needs of your plant to grow and live?

2. How did you take care of your plant?

REMEMBER

- Plants can grow and make more of their kind.
- Plants can grow from cuttings.
- Plants need water, carbon dioxide, sunlight, and good soil to grow and live well.
- With proper care, plants can grow and live.

Checking Your Understanding

Fill in the blanks with the correct answer. Select the correct answer from the box below.

Soil	sunlight	carbon dioxide
Water	love and care	oxygen

Plants are everywhere. Most of the plants grow on ____ (1) _____. They need ____ (2) _____ so they will not be dried out or withered. Plants make their own food with the help of ____ (3) _____. Air like ____ (4) _____ enter through the stomata. Plants grow and live well if ____ (5) _____ is given.

POST TEST

Directions: Write **Fact** if the sentence is correct and **Bluff** if it is wrong.

- _____ 1. Plants need water everyday.
- _____ 2. Plants need good soil to grow well.
- _____ 3. Indoor plants don't need carbon dioxide and sunlight.
- _____ 4. Plants grow well in the company of grasses.
- _____ 5. Plants need love and care.



Name: _____ Section: _____

Grow Little Plant, Grow!

Reflective Learning Sheet

Directions: Write a reflective learning on how plants grow with their needs around by filling the blanks with the correct answers. You can express your answers in a more critical and creative presentation. You can do it! Wishing you SUCCESS!

I want to explain how ...

To begin with....

Finally,

ANSWER SHEETS

Name: _____ Section: _____

Lesson 1

Pre-Test

1. _____
2. _____
3. _____
4. _____
5. _____

Looking back to your lesson

1. _____
2. _____
3. _____
4. _____
5. _____

Activity 1

Vegetable Plant: _____	Weekly Observation
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	

Critical Thinking

- 1.
- 2.

Checking Your Understanding

1. _____
2. _____
3. _____
4. _____
5. _____

POST TEST

1. _____
2. _____
3. _____
4. _____
5. _____

ANSWER KEY

Pre-Test

1. F
2. T
3. T
4. F
5. T

Looking back to your lesson

1. B
2. B
3. A
4. B
5. A

Activity 1

VERIED ANSWERS

Vegetable Plant: _____	Weekly Observation
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	

Critical Thinking

1. Water, carbon dioxide, sunlight, and good soil
2. I water it everyday.
I remove weeds and grasses.
I take care of it.

Checking Your Understanding

1. soil
2. water
3. sunlight
4. carbon
dioxide
5. love and
care

POST TEST

1. Fact
2. Fact
3. Bluff
4. Bluff
5. FAct

REFERENCES

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