

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 GOVERNMENT PROPERTY

HOW TO USE THIS MODULE

Before you start answering the module, I want you to set aside other <u>tasks</u> 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.



Directions: \wrong.	Write T if the senten	ce is correct and F if it is
2. Plar 3. Indo 4. Plar	•	o grow well.
Lookin	g Back to your Le	esson
only the lett	Read the sentences er of your best ansv w well in	
A.Dark	area	B. sun lighted area
2. Plants ca	ın never live with wo	ater.
A. True		B. False
3. Which sto	atement tells about	how plants live?
A. Plan	ts need water, soil,	and sunlight to grow.
B. Plant	s need clothing, she	elter, and care.
A. Fact	n grow and live wel	and grasses. B. Bluff Il in different places? 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.

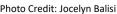
In this lesson, you will plant a vegetable plant. You will provide their needs and let them live and grow.

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.









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.







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 diox	ide
	Water	love and care	oxygen	
be th	n(1) e dried out e help of _ nter through	nts are everywhere They need or withered. Plants Air li n the stomata. Pla is given.	<u>(2)</u> sc s make their ov ke(4)	they will not wn food with
	POST T	EST		
	Directions: \	Write Fact if the se	ntence is corre	ect and Bluff
	it is wrong.			
		s need water eve	, ,	
		s need good soil t	•	
		or plants don't nee	ed carbon dio	xide and
SU	nlight.			
	•		_	
	4. Plant	s grow well in the	, ,	rasses.

REFLECTIVE LEARNING

Name	e: Section:	
	Grow Little Plant, Grow!	
	Reflective Learning Sheet	
grow when the cormore co	ons: Write a reflective learning on how with their needs around by filling the black rect answers. You can express your answeritical and creative presentation. You can you SUCCESS!	nks with vers in a
l w	vant to explain how	
To -	begin with	
Fin	ally,	

ANSWER SHEETS

		_Section:
1		
_		
1 2	Activity 1	
3 4	Vegetable Plant:	Weekly Observation
5	Week 1	
	Week 5	
Critical 1	[hinking	
our Understo	anding	POST TEST
1 2 3 4 5		1 2 3 4 5
	Looking bar to your less 1 2 3 4 5 Critical 1	Looking back to your lesson 1 2 3 4 5 Vegetable Plant: Week 1 Week 2 Week 3 Week 4 Week 5 Critical Thinking

ANSWER KEY

Pre-Test

Looking back to your lesson

- 1. F
- 2. T
- 3. T
- 4. F
- 5. T
- 1. B 2. B
- 3. A
- 4. B
- 5. A

Activity 1

VERIED ANSWERS

	1
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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