



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

## Where Plants Grow

**Quarter 2: SLeM Week 3**

**Learning Competency:**  
**Name plants that grow on land, in water and in  
other places.**

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. identify where plants grow;
2. name plants that grow in a particular place.

## PRE-TEST

Directions: Draw a  if the plant grows on land,  
 If the plant grows in the water, and  
 if the plant grows in air.

- \_\_\_\_\_ 1. rose
- \_\_\_\_\_ 2. Lotus
- \_\_\_\_\_ 3. Orchid
- \_\_\_\_\_ 4. Gumamela
- \_\_\_\_\_ 5. Water lily

## Looking Back to your Lesson

Direction: Fill in the blanks with the correct answer.  
Choose your answer from the box below.

|                    |                        |              |
|--------------------|------------------------|--------------|
| <b>decorations</b> | <b>fruits</b>          | <b>long</b>  |
|                    | <b>size and shapes</b> |              |
| <b>trees</b>       | <b>soil</b>            | <b>short</b> |

- 1. Leaves of plants have different \_\_\_\_\_ and \_\_\_\_\_.
- 2. Some roots are long, others are \_\_\_\_\_.
- 3. Plants which have big, hard stems, and grow tall are called \_\_\_\_\_.
- 4. Some flowers can become \_\_\_\_\_.
- 5. Most flowers are used for \_\_\_\_\_.

## BRIEF INTRODUCTION

Plants are everywhere. They can grow in different places or habitat. Many plants grow on land. Some plants grow in the water, others grow on branches of trees.

### Lesson 1

### Terrestrial Plants

Many plants grow on land. These plants need soil. Plants that grow on land are called **terrestrial plants**.

Can you name some plants that grow on land?

Get to know some of the plants that live on land.



papaya



coconut



jackfruit



ginger



santan



okra



## Water Plants

Some plants live and grow in water. Plants that can live in the water are called **aquatic plants**.

Be familiar with some water plants.



Water lily



lotus

## Aerial Plants

Some plants live on the branches and trunks of trees. These plants have spongy roots suspended in the air. The spongy roots get food and moisture from the air.

Plants that can live on branches of trees are called **aerial plants**.

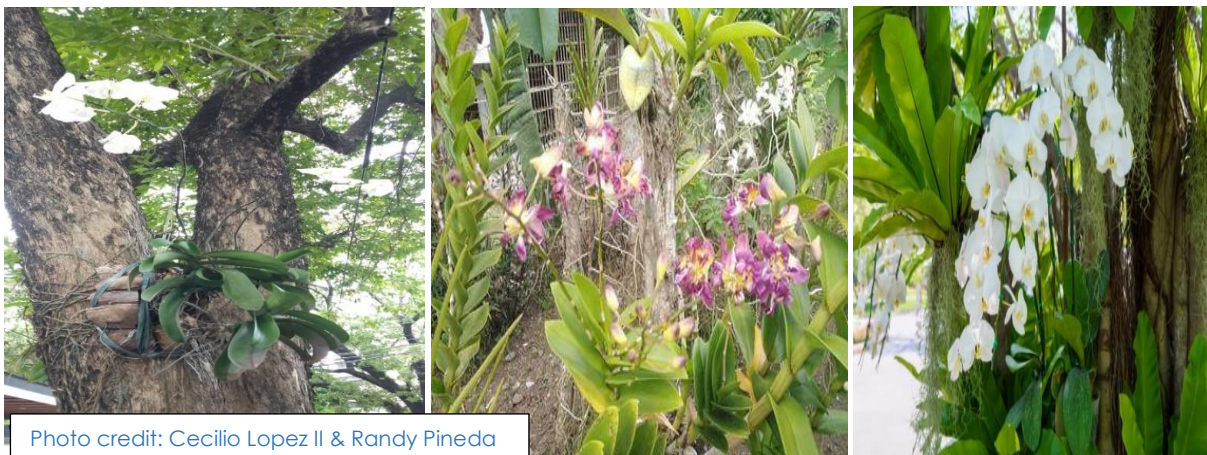


Photo credit: Cecilio Lopez II & Randy Pineda

## ORCHIDS

## Plants that can Grow on Land and in Water

Some plants can both grow on land and in water.

These plants are kangkong and fortune plant.



Fortune plant



<https://www.shutterstock.com/image-photo/plant-kangkong>

Kangkong plant

### Activity 1

**I. Objective:** Identify where plants grow.

**II. Title:** “where plants grow”

**III. Problem:** Where do plants grow?

**IV. What to use:** pencil, worksheet



**v. What to do:** (Ask somebody to give you assistance)

Write **L** if the plants grow on land, **W** if in water, **LW** if both land and water, and **A** if on trees or aerial.

1.



2.



<https://www.shutterstock.com/image-photo/plant-kangkong>

3.



4.



5.



6.



## VI. Critical Thinking Questions

1. Where do plants grow well?

---

---

## REMEMBER

Plants grow in different places.

Plants that grow on land are called **terrestrial plants**.




Plants that can live in the water are called **aquatic plants**.

Plants that can live on branches of trees are called **aerial plants**.

Some plants can both grow on land and in water.

## Checking Your Understanding

Direction: Put a check in the box where each plant belongs

| PLANTS  | LAND PLANT | WATER PLANT | AERIAL PLANT |
|---|------------|-------------|--------------|
|  |            |             |              |
|  |            |             |              |
|  |            |             |              |



## POST TEST

Direction: Choose the letter of the correct answer.

1. Which plant grows in water?

- A. carrot      B. petchay      C. lotus

2. These plants grow and live on the branches and trunk of trees.

- A. orchids      B. kangkong      C. rose

3. These plants can stay in water because of their body parts allow them to do so.

- A. papaya      B. lotus      C. tomato

4. Which plants live on land?

- A. banana      B. water lily      C. lotus

5. Which plant can live both land and in water?

- A. potato      B. radish      C. kangkong



Name: \_\_\_\_\_ Section: \_\_\_\_\_

### **Where Plants Grow Reflective Learning Sheet**

**Directions:** Write a reflective learning ON WHERE PLANTS GROW by answering the questions inside the box. 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

Looking back  
to your lesson

#### Activity 1

|    |    |                      |  |
|----|----|----------------------|--|
| 1. | 1. | HABITAT<br>OF PLANTS |  |
| 2. | 2. | 1.                   |  |
| 3. | 3. | 2.                   |  |
| 4. | 4. | 3.                   |  |
| 5. | 5. | 4.                   |  |
|    |    | 5.                   |  |
|    |    | 6                    |  |

#### Critical Thinking






#### POST TEST

|   |   |   |   |   |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|



## KEY ANSWER

### PRE-TEST

|    |   |
|----|---|
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |

### LOOKING

1.size and  
shape  
2.short  
3.trees




### ACTIVITY 1

1. L
2. W
3. A
4. L
5. W
6. A

### CRITICAL THINKING QUESTIONS

Some plants grow well on land, others grow well in water, while some grow on branches and trunk as aerial plant. Other plants grow well both on land and in water.

### CHECKING YOUR UNDERSTANDING

| PLANTS  | LAND PLANT | WATER PLANT | AERIAL PLANT |
|---|------------|-------------|--------------|
|  | /          |             |              |
|  |            | /           |              |
|  |            |             | /            |

### POST-TEST

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

## REFERENCES

Coronel, C. C. (1997). *Science and Health Textbook for Grade One*. Manila, Quezon: SD Publication

Uy, M. L. (2013). *SCIENCE WONDERS I*. Espana, Manila: St. Augustine Publication Inc

### Art references

[https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.pinterest.com%2Ftanganyikacrazy%2Fgardening-gardens-yards-pools-ponds-farming-hydrop%2F&psig=AOvVaw1eu3lvHDZn\\_Bo9ZVCjp7Ax&ust=1609163968694000&source=images&cd=vfe&ved=0CAMQjB1qFwoTCKift5Kp7u0CFQAAAAAdAAAAABAI](https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.pinterest.com%2Ftanganyikacrazy%2Fgardening-gardens-yards-pools-ponds-farming-hydrop%2F&psig=AOvVaw1eu3lvHDZn_Bo9ZVCjp7Ax&ust=1609163968694000&source=images&cd=vfe&ved=0CAMQjB1qFwoTCKift5Kp7u0CFQAAAAAdAAAAABAI)

[https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.freepik.com%2Fpremium-photo%2Fwhite-orchid-flowers-hang-tree\\_2397654.htm&psig=AOvVaw3zgrWN-IQ-ly\\_wv7YSDff3&ust=1609323644040000&source=images&cd=vfe&ved=2ahUKEwiYqqny-LtAhVK7JQKHVM4C4wQr4kDegUIARcAQ](https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.freepik.com%2Fpremium-photo%2Fwhite-orchid-flowers-hang-tree_2397654.htm&psig=AOvVaw3zgrWN-IQ-ly_wv7YSDff3&ust=1609323644040000&source=images&cd=vfe&ved=2ahUKEwiYqqny-LtAhVK7JQKHVM4C4wQr4kDegUIARcAQ)

[https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.pinterest.ph%2Fpin%2F671599363166420029%2F&psig=AOvVaw3JkqSLnFDREXPuTQkLwdIE&ust=1609323703049000&source=images&cd=vfe&ved=2ahUKEwiB\\_7qO\\_PLtAhUqzIsBHdIUAgcQr4kDegQIARBa](https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.pinterest.ph%2Fpin%2F671599363166420029%2F&psig=AOvVaw3JkqSLnFDREXPuTQkLwdIE&ust=1609323703049000&source=images&cd=vfe&ved=2ahUKEwiB_7qO_PLtAhUqzIsBHdIUAgcQr4kDegQIARBa)

<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.freepik.com%2Ffree-photos-vectors%2Froses&psig=AOvVaw2-vN1Wmn6WjF8HtHfCUjzG&ust=1609323776298000&source=images&cd=vfe&ved=2ahUKEwij2bGxPLtAhUJgpQKHVCTdrwQr4kDegUIARDAAQ>

[https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.freepik.com%2Ffree-photos-vectors%2Fwater-lily-leaf&psig=AOvVaw1FOzwAFLbNj7kz9caHobaW&ust=1609323885411000&source=images&cd=vfe&ved=2ahUKEwi\\_wrXI\\_PLtAhXczYsBHQmuBmEQr4kDegUIARcTAQ](https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.freepik.com%2Ffree-photos-vectors%2Fwater-lily-leaf&psig=AOvVaw1FOzwAFLbNj7kz9caHobaW&ust=1609323885411000&source=images&cd=vfe&ved=2ahUKEwi_wrXI_PLtAhXczYsBHQmuBmEQr4kDegUIARcTAQ)

### Management and Development Team

**Schools Division Superintendent:** Maria Magdalena M. Lim, CESO V

**Chief Education Supervisor:** Aida H. Rondilla

**CID Education Program Supervisor:**

**CID LR Supervisor:**

**CID-LRMS Librarian II:** Lady Hannah C Gillo

**CID-LRMS PDO II:** Albert James P. Macaraeg

**Editor/s:** ELIZA A. LOPEZ & REBECCA M. ROXAS

**Writer/s:** LUZ VANESSA S. ALLOSO