

# Science

## Quarter 1 - Module 2: Effects of Decaying Materials on One's Health and Safety



Science – Grade 4  
Alternative Delivery Mode

Quarter 1 - Module 2: Effects of Decaying Materials on One's Health and Safety  
First Edition, 2020

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# Science

## Quarter 1 - Module 2:

### Effects of Decaying Materials on One's Health and Safety

This instructional material was collaboratively developed and reviewed by educators from public schools. We encourage teachers and other education stakeholders to email their feedback, comments, and recommendations to the Department of Education at [region10@deped.gov.ph](mailto:region10@deped.gov.ph).

**We value your feedback and recommendations.**



## ***What This Module is About***

Do you ask yourself questions about the world you live in? Do you even wonder what lies ahead the blue horizon or what rests beyond the seas? Your young mind may have many questions because you are so curious about how things happened.

This module will help you discover the answers to the questions you have about yourself, the environment, and everything beyond it. This will be your guide as you unlock new knowledge through various learning experiences through science process skills such as investigating/experimenting, observing, describing, tabulating/organizing data, analyzing, interpreting, explaining, generalizing, synthesizing, and communicating results.

### ***Notes to the Teacher***



Dear Teacher,

This is a self-paced module which has various activities to be done by the learners at home. Clear and careful instructions must be given to the learners to ensure safety and avoid misconceptions in performing the activities.



## ***What I Need to Know***

Garbage around us may have harmful effects to one's health and safety if they are not disposed properly. When not properly disposed, some decaying materials can lead to some diseases that prevent our body and mind from working normally.

In this module, you will learn about different sickness/ diseases caused by decaying materials and the effects of decaying materials to one's health and safety.

### **Learning Objectives:**











1. Identify the diseases/sickness that may result from exposure to decaying materials.
2. Identify the effects of decaying materials on one's safety.

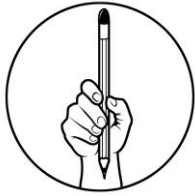
## ***How to Learn from this Module***

For you to achieve the objectives cited above, you are to do the following:

- Take your time reading the lessons carefully.
- Follow the directions and/or instructions in the activities and exercises diligently.
- Answer all the given tests and exercises.

## ***Icons of this Module***

|   |                     |   |
|---|---------------------|---|
|    | What I Need to Know | This part contains learning objectives that are set for you to learn as you go along the module.  |
|    | What I Know         | This is an assessment as to your level of knowledge to the subject matter at hand, meant specifically to gauge prior related knowledge. |
|    | What's In           | This part connects previous lessons with that of what you are going to learn.   |
|    | What's New          | An introduction of the new lesson through various activities, before it will be presented to you.                                       |
|   | What is It          | These are discussions of the activities as a way to deepen your discovery and understanding of the concept.                             |
|  | What's More         | These are follow-up activities that are intended for you to practice further in order to master the competencies.                       |
|  | What I Have Learned | Activities designed to process what you have learned from the lesson  |
|  | What I Can Do       | These are tasks designed to showcase your skills and knowledge gained, and applied into real-life concerns and situations.              |
|  | Post Assessment     | This assessment evaluates your level of mastery in achieving the learning objectives.   |
|  | More Activities     | These are additional activities designed to increase the level of your skills and knowledge.  |



## ***What I Know***

### **Test A**

1. This is a water-borne disease that we often get by drinking polluted water and uncovered foods.  
A. malaria      B. scabies      C. typhoid      D. leukemia
2. Lino suffered from severe diarrhea. He was rushed to the hospital. The doctor said he suffered from dehydration and should be treated immediately. What would be the possible illness?  
A. dysentery      B. dengue fever      C. typhoid      D. malaria
3. Why did Maria experience itchiness in her skin after swimming in the river?  
A. The river might be dirty and contaminated  
B. She had eaten something that caused allergy.  
C. She swam in the river wearing dirty clothes.  
D. Maria is allergic to the water of the river.
4. Leah lives near the dumpsite. She and her friends always play outside near piles of garbage. One early morning, she happens to spit blood and complains of chest and back pains. What might be her possible illness?  
A. tuberculosis      B. dengue fever      C. malaria      D. covid-19
5. Leo has a high fever. Her mother found out some bruises in his skin. What will be the doctor's possible diagnosis?  
A. dengue fever      B. diarrhea      C. dysentery      D. covid-19



### Test B

**Directions:** Find and encircle at least five (5) diseases inside the box.

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| D | Y | S | E | N | T | E | R | Y | O | W |
| C | A | D | E | N | G | U | E | T | D | G |
| B | H | X | M | P | D | L | R | Y | E | B |
| C | F | O | A | J | O | M | S | P | N | F |
| D | E | G | L | L | W | N | W | H | G | J |
| R | U | N | A | E | K | S | K | O | U | D |
| M | O | T | R | G | R | F | M | I | E | A |
| N | A | L | I | U | J | A | Y | D | P | A |
| A | S | C | A | B | I | E | S | T | L | Q |

### Test C

*Write the letter of the best answer in your answer sheet.*

11. Rotten garbage are breeding places of harmful insects like flies, mosquitoes, cockroaches and rats. If you are exposed to this situation for a long time, what kind of ailment would you probably get?
- A. high blood pressure  
B. heart failure  
C. nosebleed  
D. dysentery
12. What diseases causes high fever and chills. This disease comes from the bite of a mosquito.
- A. leptospirosis  
B. Malaria  
C. dengue fever  
D. dysentery
13. How do we prevent being affected by the harmful effects of decaying materials?
- A. Placing the left over foods in the refrigerator  
B. Disposing the garbage properly.  
C. Segregating the decaying and non- decaying materials  
D. All of the above
14. What people living in crowded areas must do to avoid being exposed to diseases caused by presence of decaying materials?
- A. Avoid throwing wastes anywhere.  
B. Eat left over foods only if stored in the refrigerator.  
C. Maintain a proper disposal of waste materials.  
D. Both A and C
15. Improper disposal of decaying wastes allow \_\_\_\_\_ to live or breed.
- A. cockroaches  
B. mosquitoes  
C. flies  
D. all of the above

# Lesson 1

## What Diseases Will I Get From Decaying Materials?

Disease is an illness that affects a person, an animal, or a plant. It is a condition that prevents the body or mind from working normally.

This lesson will help you identify the diseases caused by exposure to decaying materials.



### ***What's In***

### **Name Game!**



*Figure 1.1. Garbage Area*

Can you name the materials that undergo decay? Enumerate three materials from the drawing above that undergo decay.



## **What's New**

### **Let's Do It!**

#### **Directions:**

- A. Examine the drawings provided below.
- B. Identify the condition shown in each drawing.
- C. Write in your activity sheet the identified conditions shown.
- D. Organize your findings in the table provided below.
- E. Follow how it is done in the example given in the first line.



*Figure 1. Drawing of a dumpsite*



*Figure 2. Drawing of a squatter's area*

### **Activity Sheet**

| <b>Place where the family lives</b> | <b>Waste materials seen in the surroundings</b>                              | <b>Pest breeding in the surroundings</b> | <b>Possible illness/diseases resulting from exposure to decaying materials</b> |
|-------------------------------------|--|--|--|
| example:<br>canals                  | empty cans,<br>plastic bottles<br>trashes<br>rotten fruits<br>and vegetables | mosquito flies                           | allergy<br>dengue<br>malaria<br>typhoid<br>waterborne disease                  |
| 1.dumpsite                          |  |  |  |
| 2.squatters area                    |  |  |  |

#### **Guide Questions:**

1. What are the possible waste materials found in these areas?
  - a. Dumpsite
  - b. Squatters' Area
2. What possible illness /sickness brought by these pests to the dwellers in this place? Why?
3. How could these sicknesses be prevented?



## ***What is It***

### **Learning Circuit!**

- **Diseases** - illnesses that affect a person, animal, or plant; it is a condition that prevents the body or mind from working normally.
- Decaying materials cause harm to one's health. Some diseases caused by decaying materials are: allergy, cholera, malaria, typhoid, dysentery and skin diseases.
  - **Malaria and dengue fever** - are diseases spread by specific type of mosquitoes. These become epidemic in places where these type of mosquito breed.
  - **Typhoid** – is a waterborne disease. People who drink polluted water can become infected with typhoid. The garbage in this area is a good breeding place for flies. The flies can carry the disease and infect more people
  - **Dysentery** – is a disease that can cause severe diarrhea. If not treated properly someone can die from it.

A water borne disease that is transmitted to a person when they drink polluted water.

- Diseases can be prevented if there is proper disposal of wastes especially for those living in crowded areas and those who live near dumpsites, esteros, or canals.
- Good hygiene practices such as washing of hands, boiling of water, avoidance or exposure to air help being exposed to diseases.



## ***What's More***

### **Match Me!**

**Directions:** Match the disease to its description. Write your answer in your science notebook.

#### ***Diseases***

#### ***Description***

- |                    |                              |
|--------------------|------------------------------|
| _____ 1. Dysentery | A. waterborne disease        |
| _____ 2. Ring worm | B. it causes severe diarrhea |
| _____ 3. Malaria   | C. parasitic worm            |
| _____ 4. Typhoid   | D. transmitted by mosquitoes |
| _____ 5. Allergy   | E. itchiness                 |

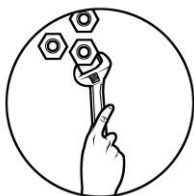


## ***What I Have Learned***

### **Brain Twisting!**

**Directions:** Write **true** if the statement is correct. If false, replace the underlined word with the correct word or phrase.

- \_\_\_\_\_ 1. Cholera is an infectious disease that causes severe watery diarrhea, which can lead to dehydration and even death if untreated.
- \_\_\_\_\_ 2. Dysentery is transmitted when a person drinks dirty water.
- \_\_\_\_\_ 3. Scabies is a skin infestation caused by a mite
- \_\_\_\_\_ 4. Mosquitoes cause dengue and typhoid.
- \_\_\_\_\_ 5. Washing hands before and after eating may help prevent diseases



## ***What I Can Do***

### **Guessing Time!**

**Directions: Manghuhula ka ba?** Write what will happen to you if you are in this situation.

| <b>Situation</b>  | <b>Hula Mo</b> |
|---|----------------|
| If we are exposed to decaying materials, what will happen if we fail to wash our hands before eating? |                |



## Answer Key

### QUARTER 1- MODULE 2

#### Lesson 1

## What Diseases Will I Get From Decaying Materials?

|             |             |
|-------------|-------------|
| What I know | 1. C        |
|             | 2. A        |
|             | 3. A        |
|             | 4. A        |
|             | 5. A        |
|             | 6. DENGUE   |
|             | 7. SCABIES  |
|             | 8. TYPHOID  |
|             | 9. MALARIA  |
|             | 10. CHOLERA |
|             | 11. D       |
|             | 12. B       |
|             | 13. D       |
|             | 14. D       |
|             | 15. D       |

|                     |            |
|---------------------|------------|
| What I Have Learned | 1. true    |
|                     | 2. true    |
|                     | 3. true    |
|                     | 4. malaria |
|                     | 5. true    |

|             |      |
|-------------|------|
| What's More | 1. B |
|             | 2. C |
|             | 3. D |
|             | 4. A |
|             | 5. E |

| What's New   |   |   |   |
|--|---|---|---|
| Place where the family lives   | Waste materials seen in the surroundings  | Pest breeding in the surroundings               | Possible illness/diseases resulting from exposure to decaying materials |
| dumpsite   | Rotten fruits and vegetables<br>Trashes<br>Dead animals<br>Empty bottles and cans, etc.<br>plastics | Cockroach<br>Mosquito<br>Flies<br>Rats<br>worms | Allergy<br>Dengue<br>Malaria<br>Typhoid<br>Waterborne disease           |
| Squatters area   | Rotten fruits and vegetables<br>Trashes<br>Dead animals<br>Empty bottles and cans, etc.<br>plastics | Cockroach<br>Mosquito<br>Flies<br>Rats<br>worms | Allergy<br>Dengue<br>Malaria<br>Typhoid<br>Waterborne disease           |
| 1. A. cellophanes, plastics, rotten vegetables and fruits, cans, etc.<br>B. cellophanes, plastics, rotten vegetables and fruits, cans, etc.<br>2. allergies, malaria, dengue, typhoid, diarrhea<br>3. clean the area, dispose waste properly, practice proper hygiene. |   |   |   |

| What I can Do   | Situation      |
|---|----------------|
| If we are exposed to decaying materials, what will happen if we fail to wash our hands before eating? | I may get sick |
|   | Hula Mo        |

|                              |               |
|------------------------------|---------------|
| What's In (answers may Vary) | 1. boxes      |
|                              | 2. fruits     |
|                              | 3. vegetables |



# Lesson 2

## Effects of Decaying Materials on One's Safety

Waste materials when not disposed properly will have a harmful effects to our health and safety. People living near garbage areas, dumpsites and in squatter areas are most exposed to sickness and diseases.

This module will help you identify the effects of decaying materials on one's safety.



### What's In

#### Find Me!

**Directions:** Find and encircle the different waste materials found in a community.

**Clue:** There are 10 words all in their plural form. Refer to the words given below.

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P | A | N | S | T | Y | R | O | F | O | A | M | C | S |
| E | A | R | O | A | W | H | S | T | F | A | G | A | E |
| E | R | P | R | H | O | I | R | U | N | S | H | N | E |
| L | Y | R | E | F | O | J | Q | U | E | I | J | S | D |
| I | N | D | I | R | D | K | R | S | E | K | L | T | S |
| N | O | R | M | A | S | L | S | V | D | M | N | O | B |
| G | I | N | G | H | G | A | P | W | C | O | P | B | A |
| S | E | A | T | G | L | M | S | X | B | Q | O | U | Z |
| R | S | O | W | G | E | N | N | Y | A | X | T | V | Y |
| K | L | A | B | C | D | O | A | M | E | T | A | L | S |
| C | P | L | A | S | T | I | C | S | Z | R | S | W | X |

STYRO FOAMS  
METALS  
PEELINGS  
WOODS  
PLASTICS




PANS  
PAPERS  
GLASSES  
CANS  
SEEDS



## ***What's New***

### **Fill Me Up!**

**Directions:** Fill out the table. Write answers in your Answer Sheet.

| <b>Decaying Materials</b>   | <b>Ways of Disposing Decaying Materials</b> | <b>Possible effects on the health of the family members</b> |
|---|---|---|
| <br><b>Food left overs</b> |   |   |
| <br><b>Dead fishes</b>   |   |   |
| <br><b>Dumpsite</b>      |   |   |



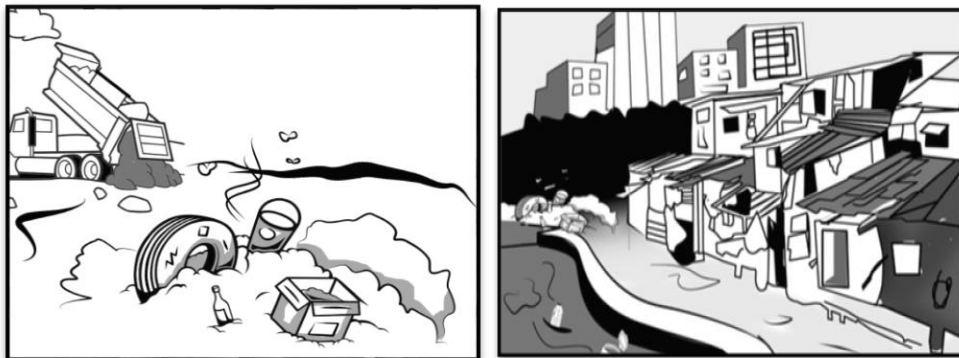
## ***What is It***

### **Read and Learn More**

- **Pollution** - an action or process of making land, water, air dirty and not safe to use.
- **Compost** - waste materials that are recycled as fertilizer
- Exposure to decaying materials will make people sick.

- Waste materials that are made into compost are not harmful to one's health and safety.
- Making a compost is one way of disposing garbage properly. Waste materials that are made into compost are not harmful to one's health and safety.
- People who live on the riverside often throw their garbage into the river.
- Chemical waste from the factories pollute the rivers.
- Polluted water contains harmful bacteria and chemical wastes that can make people sick.

Study the drawings below. Write your answers to the guide questions in your Answer Sheet.



*Figure 3. Drawings of a dumpsite and a squatter's area*

### **Guide Questions:**

1. Describe what do you think might happen to the people living near the dumpsite/ garbage area?
2. What is the effect of this in one's health and safety?



## ***What's More***

### **Brain Twisting!**

**Directions:** Inside the box below are some common household materials. What kind of pollution will they cause when not disposed properly? Write them under the correct column.

**Note:** Answers can be repeated.

|                    |                |               |
|--------------------|----------------|---------------|
| detergent          | insecticides   | oil           |
| peelings of fruits | rugs           | styrofoam     |
| diapers            | plastics       | animal manure |
| dead animals       | leftover foods |               |

| Air Pollution | Water Pollution | Land Pollution |
|---------------|-----------------|----------------|
|               |                 |                |



## ***What I Have Learned***

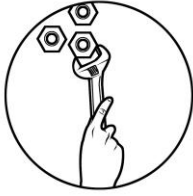
### **Brain Buster!**

**Directions:** Write a reflection on the effects brought about by the exposure to decaying materials in your environment to one's safety.

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## ***What I Can Do***

**It!**

Answer briefly:

1. Name five (5) waste materials commonly found at home.
2. What do you think will happen to us if we are exposed to these kind of materials?
3. What you going to do with the decaying materials?



## Effects of Decaying Materials on One's Safety

- 1.a. cellophanes, plastics, rotten fruits and vegetables, cans, etc.
- b. cellophanes, plastics, rotten fruits and vegetables, cans, etc.
2. allergies, typhoid, diarrhea, malaria, dengue,
3. clean the area, dispose waste properly, practice proper hygiene.

|            |             |                          |
|------------|-------------|--------------------------|
| What is it | 1. Get sick | 2. Sickmess/<br>diseases |
|------------|-------------|--------------------------|

|                     |   |
|---------------------|---|
| What I Have Learned | Exposure to decaying materials can lead to possible illnesses/sickness. It can be harmful to one's health and safety. |
|---------------------|---|

15



## **Post Assessment**

### **Test A**

**Directions:** Write the correct answer on the blank.

- \_\_\_1. Rotten garbage are breeding places of harmful insects like flies, mosquitoes, cockroaches and rats. If you are exposed to this situation for a long time, what kind of ailment would you probably get?
- A. high blood pressure                      C. nosebleed  
B. heart failure                                D. dysentery
- \_\_\_2. What diseases causes high fever and chills. This disease comes from the bite of a mosquito.
- A. leptospirosis                                C. dengue fever  
B. malaria                                        D. dysentery
- \_\_\_3. How do we prevent being affected by the harmful effects of decaying materials?
- A. Placing the left over foods in the refrigerator.  
B. Disposing the garbage properly.  
C. Segregating the decaying and non- decaying materials  
D. All of the above
- \_\_\_4. What people living in crowded areas must do to avoid being exposed to diseases caused by presence of decaying materials?
- A. Avoid throwing wastes anywhere.  
B. Eat left over foods only if stored in the refrigerator.  
C. Maintain a proper disposal of waste materials.  
D. Both A and C
- \_\_\_5. Improper disposal of decaying wastes allow \_\_\_\_\_ to live or breed.
- A. cockroaches                                C. flies  
B. mosquitoes                                 D. all of the above

**Test B**

For numbers 6-10

**Directions:** Find and encircle at least five diseases inside the box.

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| D | Y | S | E | N | T | E | R | Y | W |
| C | A | D | E | N | G | U | E | T | D |
| B | H | X | M | P | D | L | R | Y | E |
| C | F | O | A | J | O | M | S | P | N |
| D | E | G | L | L | W | N | W | H | G |
| R | U | N | A | E | K | S | K | O | U |
| M | O | T | R | G | R | F | M | I | E |
| N | A | L | I | U | J | A | Y | D | P |

**Test C**

11. This is a water borne disease that we often get by drinking polluted water and uncovered foods.  
A. malaria                      B. scabies                      C. typhoid                      D. leukemia
12. Lino is suffering from severe diarrhea. He was rushed to the hospital. The doctor said he suffered from dehydration and should be treated immediately. What would be the possible illness?  
A. dysentery                      B. dengue                      C. typhoid                      D. malaria
13. Why did Maria experience itchiness in her skin after swimming in the river?  
A. The river might be dirty and contaminated  
B. She had eaten something that caused allergy.  
C. She swam in the river wearing dirty clothes.  
D. Maria is allergic to the water of the river.
14. Leah lives near the dumpsite. She and her friends always play outside near piles of garbage. One early morning, she happens to spit blood and complains chest and back pains. What might be her possible illness?  
A. tuberculosis                      B. dengue fever                      C. malaria                      D. covid 19
15. Leo has a high fever. Her mother found out some bruises in his skin. What will be the doctor's possible diagnosis?  
A. dengue fever                      B. diarrhea                      C. dysentery                      D. covid 19





## **Additional Activities**

### **Exercise 1**

**Directions:** The scrambled words below are diseases one can get When exposed to decaying materials. Rearrange the following words and find out what they are.

1. **IMLAARA** - \_\_\_\_\_
2. **NGIR ORWM** - \_\_\_\_\_
3. **YGLLERA** - \_\_\_\_\_
4. **ODIHTYP** - \_\_\_\_\_
5. **HRREAIDA** - \_\_\_\_\_

### **Exercise 2**

**Directions:** Identify the following whether they are decaying or non-decaying materials?

1. leftover food - \_\_\_\_\_
2. banana peelings - \_\_\_\_\_
3. kangkong leaves - \_\_\_\_\_
4. camote leaves - \_\_\_\_\_
5. twigs - \_\_\_\_\_
6. Weeds - \_\_\_\_\_
7. tetrapack juices - \_\_\_\_\_
8. glass bottles - \_\_\_\_\_
9. carton - \_\_\_\_\_
10. pieces of cloth - \_\_\_\_\_

Congratulations for working diligently with this module. Try to share your experience with your teacher or elder brother or sister at home.



## Answer Key

|                        |            |
|------------------------|------------|
| <i>Post Assessment</i> | 1.D        |
|                        | 2. B       |
|                        | 3.D        |
|                        | 4.D        |
|                        | 5.D        |
|                        | 6.DENGUE   |
|                        | 7.SCARIES  |
|                        | 8.TYPHOID  |
|                        | 9. MALARIA |
|                        | 10. C      |
|                        | 11.A       |
|                        | 12.A       |
|                        | 13.A       |
|                        | 14.A       |
|                        | 15.A       |

|                       |                   |
|-----------------------|-------------------|
| ADDITIONAL ACTIVITIES | <i>Exercise 1</i> |
|                       | 1. Malaria        |
|                       | 2. Ring Worm      |
|                       | 3. Allergy        |
|                       | 4. Typhoid        |
|                       | 5. diarrhea       |

|                   |                 |
|-------------------|-----------------|
| <i>Exercise 2</i> | 1.decaying      |
|                   | 2. decaying     |
|                   | 3. decaying     |
|                   | 4. decaying     |
|                   | 5. decaying     |
|                   | 6. decaying     |
|                   | 7.non-decaying  |
|                   | 8. non-decaying |
|                   | 9. decaying     |
|                   | 10. decaying    |

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Name: \_\_\_\_\_ Grade&Section: \_\_\_\_\_ Score: \_\_\_\_\_

## QUARTER 1- MODULE 2

### Lesson 1

# What Diseases Will I Get From Decaying Materials?

## Answer Sheet

| <i>What I Know</i> |
|--------------------|
| 1.                 |
| 2.                 |
| 3.                 |
| 4.                 |
| 5.                 |
| 6.                 |
| 7.                 |
| 8.                 |
| 9.                 |
| 10.                |
| 11.                |
| 12.                |
| 13.                |
| 14.                |
| 15.                |

| <i>What 's In (answers may Vary)</i> |
|--------------------------------------|
| 1.                                   |
| 2.                                   |
| 3.                                   |

| <i>What's New</i>            |  |                                   |   |
|------------------------------|--|-----------------------------------|---|
| Place where the family lives | Waste materials seen in the surroundings | Pest breeding in the surroundings | Possible illness/diseases resulting from exposure to decaying materials |
| dumpsite                     |  |                                   |   |
| Squatters area               |  |                                   |   |

1. A. \_\_\_\_\_  
B. \_\_\_\_\_

2. \_\_\_\_\_  
3. \_\_\_\_\_

|                     |
|---------------------|
| <i>What 's More</i> |
| 1.                  |
| 2.                  |
| 3.                  |
| 4.                  |
| 5.                  |

|                            |
|----------------------------|
| <i>What I Have Learned</i> |
| 1.                         |
| 2.                         |
| 3.                         |
| 4.                         |
| 5.                         |

|   |                |
|---|----------------|
| <i>What I can Do</i>  |                |
| <b>Situation</b>  | <b>Hula Mo</b> |
| If we are exposed to decaying materials, what will happen if we fail to wash our hands before eating? |                |

Name: \_\_\_\_\_ Grade&Section: \_\_\_\_\_ Score: \_\_\_\_\_

## Lesson 2

## Effects of Decaying Materials on One's Safety

### Answer Sheet

| What's In |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P         | A | N | S | T | Y | R | O | F | O | A | M | C | S |
| E         | A | R | O | A | W | H | S | T | F | A | G | A | E |
| E         | R | P | R | H | O | I | R | U | N | S | H | N | E |
| L         | Y | R | E | F | O | J | Q | U | E | I | J | S | D |
| I         | N | D | I | R | D | K | R | S | E | K | L | T | S |
| N         | O | R | M | A | S | L | S | V | D | M | N | O | B |
| G         | I | N | G | H | G | A | P | W | C | O | P | B | A |
| S         | E | A | T | G | L | M | S | X | B | Q | O | U | Z |
| R         | S | O | W | G | E | N | N | Y | A | X | T | V | Y |
| K         | L | A | B | C | D | O | A | M | E | T | A | L | S |
| C         | P | L | A | S | T | I | C | S | Z | R | S | W | X |

| What's New                      |   |  |
|---------------------------------|---|--|
| Decaying Materials              | Ways of Disposing<br>Decaying Materials | Possible effects on<br>the health of the<br>family members |
| Decayed fruits and<br>vegetable |   |  |
| Dead fishes                     |   |  |
| Dump site                       |   |  |
| 1.a. _____                      |   |  |
| b. _____                        |   |  |
| 2. _____                        |   |  |
| 3. _____                        |   |  |

| What is It            |
|-----------------------|
| 1. Get sick           |
| 2. Sickness/ diseases |

| <b>What's More</b>   |                        |                       |
|----------------------|------------------------|-----------------------|
| <b>Air Pollution</b> | <b>Water Pollution</b> | <b>Land Pollution</b> |
|                      |                        |                       |

| <i><b>What I can Do</b></i> |
|-----------------------------|
| 1.                          |
| 2.                          |



Name: \_\_\_\_\_ Grade&Section: \_\_\_\_\_ Score: \_\_\_\_\_

## ***Answer Sheet***

| <b><i>Post Assessment</i></b> |
|-------------------------------|
| 1.                            |
| 2.                            |
| 3.                            |
| 4.                            |
| 5.                            |
| 6.                            |
| 7.                            |
| 8.                            |
| 9.                            |
| 10.                           |
| 11.                           |
| 12.                           |
| 13.                           |
| 14.                           |
| 15.                           |

| ADDITIONAL ACTIVITIES    |
|--------------------------|
| <b><i>Exercise 1</i></b> |
| 1.                       |
| 2.                       |
| 3.                       |
| 4.                       |
| 5.                       |

| <b><i>Exercise 2</i></b> |
|--------------------------|
| 1.                       |
| 2.                       |
| 3.                       |
| 4.                       |
| 5.                       |
| 6.                       |
| 7.                       |
| 8.                       |
| 9.                       |
| 10.                      |