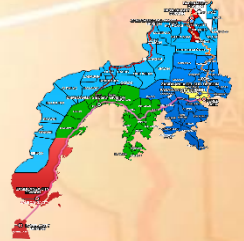




REPUBLIC OF THE PHILIPPINES
 Department of Education
 Region IX – Zamboanga Peninsula



3



**Quarter 4 – Module 4
 The Weather**



- JANUARY
Matuguhon
- FEBRUARY
Mahiguagaon
- MARCH
Matinabunon
- APRIL
Matinahuron
- MAY
Matapsay og Matimpyo
- JUNE
*Maabile og Masunod sa
Ohsalibong Oras*
- JULY
Maantigo og Maabilidad
- AUGUST
*Maginhuhuhunon
para sa Uban*
- SEPTEMBER
Madaginoton
- OCTOBER
Matinud-anon
- NOVEMBER
Masaligan
- DECEMBER
Maalampon

Name of Learner: _____
 Grade and Section: _____
 Name of School: _____



What I Need to Know

Describe the changes in the weather over a period of time.

S3ES-IVe-f-3



What's In

Hey kid! Are you excited to learn new lesson? Now, let us answer the activity.

ACTIVITY 1: "Fill me"

Direction: **Fill in each blank to complete the sentence. Write the answer in the blank.**

1. Moving air is called _____.
2. The speed of the _____ affects the weather.
3. When the wind moves fast, the temperature is _____.
4. _____ clouds are like feathers high in the sky.
5. The _____ temperature changes as the weather changes.



What's New

Hey kid! Welcome to the next activities.

ACTIVITY 2: "Does Weather Change?"

Materials:

SET A: 2 thermometers and crochet thread or thin rope

SET B: Improvised wind vane weather chart Timer

Procedure:

A. Temperature of air in a room

1. Take two thermometers.
2. Tie one thermometer (A) tightly to a strong support inside the room. You can tie it to a nail on the wall or a window grill. Just make sure that you hang the thermometer in a place where you can easily read the temperature.
3. Tie the other thermometer (B) to a shady area outside the room. You can tie it to a branch of a tree that is not directly under the sun's heat.
4. Two students will read thermometer A, Another two students will read thermometer B. That will be the initial temperature of air inside and outside the room.
5. Continue taking the temperature readings every 10 minutes until you reach 60 minutes.

Thermometer A



Thermometer B



Complete Table 1 below and write the result in your notebook.

Table 1. Temperature of the air inside and outside the room

Time (min.)	Temperature (0C) inside the room	Temperature (0C) outside the room
0		
10		
20		
30		
40		
50		
60		

Questions:

a. Inside the room: What is the highest temperature recorded?

Answer: _____

Lowest temperature recorded?

Answer: _____

b. Outside the room: What is the highest temperature recorded?

Answer: _____

Lowest temperature recorded?

Answer: _____

c. Are there changes in the temperature readings inside the room?

Answer: _____

about outside the room?

Answer: _____

d. Where were the temperature changes greater, inside or outside the room? _____

e. What do these changes in the temperature mean? _____

f. In which area was the air cooler, inside the room or outside the room? _____



What is It

Hi kid! Let us learn more!

Air temperature tells the hotness or coldness of the atmosphere. It is affected by the sun's heat.

Wind speed affects the weather condition. When the wind speed is fast, the surroundings feel more relaxed and when the wind speed is slow, the surroundings feel warmer.



What's More

Hi there! Welcome to the next activities.

ACTIVITY 3: "The Daily Weather"

Materials:

Weather chart improvised wind vane
Thermometer string or thin rope

Procedure:

1. Observe whether the day is sunny, windy, rainy, or stormy.
2. Go outside the room with your teacher and group mates. Find an area where you will place your improvised wind vane.
3. Observe the instrument for ten (10) minutes. The following questions can help you with your observations:
 - A. Is the paper moving? Is it moving slowly, moderately, or fast?
 - B. What does the movement of the paper mean?
 - C. What is the direction of the wind?
4. Record your observations and answers to questions A, B, and C in the Table 1.

Table 1. Observations on the wind's speed and direction for the day.

TIME	Observations
First 5 minutes	
A	
B	
C	
Next 5 minutes	
A	
B	
C	

Take the temperature of air in the room and outside the room every 10 minutes for 30 minutes. Write your readings in table 2.

Table 2. Temperature of air in the room and outside the room.

Time (min.)	Temperature (0C) Inside the room	Temperature (0C) outside the room
10		
20		
30		

In which place is air cooler, inside the room or outside the room?

Answer: _____



What I Have Learned

Amazing! You reach in this page. Now complete this activity. Come on!

ACTIVITY 4: "WHAT IS THE WEATHER TODAY?"

Direction: **Complete your observations of the day's weather. Fill up Table 3 with your observations.**

What to Observe	DAY 1
Weather Condition <ul style="list-style-type: none"> ▪ Sunny /Fair ▪ Rainy ▪ Windy ▪ Stormy 	
Clouds <ul style="list-style-type: none"> ▪ Clear ▪ Partly cloudy ▪ Cloudy 	
Type of Cloud <ul style="list-style-type: none"> ▪ Cirrus ▪ Cumulus ▪ Stratus 	

- Describe the weather condition for the day.

Does the weather condition change within the day?

Answer: _____



What I can Do

You have come a long way in your modules! It means you really understand your lesson. Keep it up! Here is another activity to answer. Good luck!

ACTIVITY 5: “WEATHER REPORTER”

Materials: weather charts thermometer

Procedure:

1. Use the weather chart in activity 3.
2. Make a simple weather bulletin using the table below.

WEATHER

Temperature: _____

Questions:

Have you ever interviewed a weather forecaster? _____
What have you learned from him/her? _____



Assessment (Set A)

You're almost done! But first, let us answer the activity below.

Direction: **Write True before the number if the statement is correct and False if the statement is incorrect.**

- _____ 1. The wind comes from a single direction.
- _____ 2. The sun makes the land and water warm.
- _____ 3. When you feel cold, the temperature of the air is high.
- _____ 4. The temperature of the air helps us to tell the weather.
- _____ 5. Weather affects the people and the environment.



Assessment (Set B)

You're almost done! But first, let us answer the activity below.

Direction: **Choose the letter of the best answer and write it before each number.**

- _____ 1. Which refers to the daily condition of the temperature?
a. climate b. weather c. season d. temperature
- _____ 2. Strong winds tell us the weather is _____.

- a. sunny b. cloudy c. rainy d. windy
- _____ 3. The air moves because _____.
- a. the Earth is moving
b. of the air pressure
c. of the unequal heating of the sun
d. the sun keeps on shining
- _____ 4. Which type of clouds will bring rain?
- a. thick and cotton like
b. thin and dark
c. thick and white
d. white and thin
- _____ 5. What is used to measure the speed of the wind?
- a. anemometer
b. wind vane
c. thermometer
d. wind gauge

Answer Key
Science 3 Quarter 4 – Week 4

What's In: Activity 1:

1. wind 2. wind 3. cooler 4. cirrus
5. temperature

What's New: Activity 2: Pupils' answers may vary

What's More: Activity 3: Pupils' answers may vary

What I have learned: Activity 4: Pupils' answers may vary

What I Can Do: Activity 5: Pupils' answers may vary

Assessment:

5. True 4. True 3. False 2. True 1. True
Set A

Assessment:

5. a 4. b 3. c 2. d 1. b
Set B

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Balagtas, M. U., Domanais, L. C., Antonio, E. D., Dallo, E. M., Briones, A. S., & Dela Cruz, S. P. (Copyright 1999, Reprint Edition, 2011). Growing with Science and Health Teacher's Manual Science and Health-Grade 3. Rex Book Store, Inc., ISBN 978-971-23-2493-2.

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DEVELOPMENT TEAM	REGION IX HYMN	THE FOOTPRINTS PRAYER
<p>Writer: Josephine R. Dapat Teacher III</p> <p>Editors:</p> <p>Reviewer: Dexter Jones Fiel</p> <p>Illustrator:</p> <p>Layout Artist:</p> <p>Management Team:</p> <p>Danny B. Cordova, Ed.D CESO VI SDS- Pagadian City</p> <p>Ma. Colleen L. Emoricha, CESE ASDS</p> <p>Maria Diosa Z. Peralta, CID Chief</p> <p>Mila P. Arao EPS - Science</p>	<p>Here the trees and flowers bloom Here the breezes gently blow Here the birds sing merrily, The liberty forever stays,</p> <p>Here the Badjaos roam the seas Here the Samals live in peace Here the Tausogs thrive so free With the Yakans in unity</p> <p>Gallant men and Ladies fair Linger with love and care Golden beams of sunrise and sunset Are visions you'll never forget Oh! That's Region IX</p> <p>Hardworking people Abound, Every valleys and Dale</p> <p>Zamboangueños, Tagalogs, Bicolanos, Cebuano, Ilocanos, Subanons, Boholanos, Ilongos,</p> <p>All of them are proud and true Region IX our Eden Land... Region IX our Eden Land...</p>	<p>One night I had a dream. I dreamed that I was walking along the beach with the LORD.</p> <p>In the beach, there were two (2) sets of footprints – one belong to me and the other to the LORD.</p> <p>Then, later, after a long walk, I noticed only one set of footprints.</p> <p>“And I ask the LORD. Why? Why? Why did you leave me when I am sad and helpless?”</p> <p>And the LORD replied “My son, My son, I have never left you. There was only one (1) set of footprints in the sand, because it was then that I CARRIED YOU!</p>