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DepED
DEPARTMENT OF EDUCATION

Learning Activity Sheet for Science

Quarter 4

Lesson

5

Worksheet for Science Grade 4
Quarter 4: Lesson 5 (Week 5)
SY 2024-2025

Development Team

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LEARNING ACTIVITY SHEET 1

Learning Area:	Science	**Quarter:**	4th Quarter
Lesson No.:	4	**Date:**	
Lesson Title/ Topic:	**Local Weather Chart**		
Name:		**Grade & Section:**	

I. Activity No.1: My Meteorologic Menu (Week 5 - Continuation of Week 4)

II. Objectives: *At the end of the activities, learners are expected to:*

a. complete the Meteorologic Menu with the details that serve as a guide for the Weather Report;
b. measure some of the elements of weather using improvised weather instruments;
c. make a weather report based on one's record of observation covering about two weeks; and
d. make predictions based on the weather report and data gathered.

III. Materials Needed:

- My Meteorologic Chart
- Different materials for the making of improvised weather instruments
- Activity Sheets

IV. Instruction:

1. Fill up the Table that will serve as a guide for the Task you will be doing as a Meteorologist.

Weather Element (A)	Weather Instrument (B)	Weather Symbols Used (C)	Meaning of the Symbol (D)	Precautionary Measures (E)
Humidity				
Atmospheric Pressure				
Air Temperature				
Rainfall				
Cloud Cover				

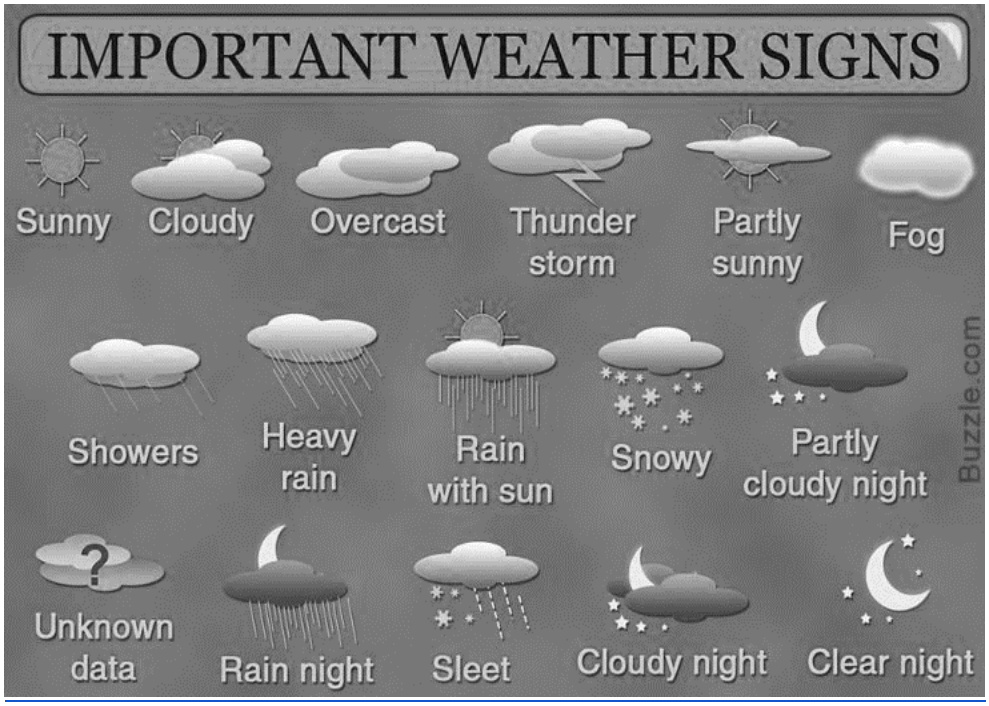
Guidelines

Perform numbers 5 and 6 this Week 5

1. For the giving of the meaning, this will be an interpretation of the symbol identified.
2. For precautionary measures, you will write what to do to protect yourself.

Guide for the meaning

Most Common Weather Icons	
Daytime Clear Sunny	
Nighttime Clear	
Cloudy or Overcast	
Thunderstorms	
Drizzle or Rain	
Heavy Rain or Drizzle	
Rain Showers	
Freezing Rain or Sleet	
Snow	
Hail	
Haze	
Light Fog	
Windy	
Blowing Dust	



Link for the pictures: https://ph.pinterest.com/pin/802837071090469359/
https://support.wtkr.com/support/solutions/articles/5000708960-weather-what-do-the-symbols-mean-on-the-weather-screen

V. Synthesis/Extended Practice/ Differentiation (when necessary)

1. What are some common weather instruments used to measure weather elements or components?

   _____
   _____
   _____

2. While you were doing the Meteorologic Menu, what feelings did you feel? Why?

   _____
   _____
   _____

3. Which part of the task did you find difficult? Easy? rewarding?

   _____
   _____
   _____

4. Which weather element does your group find easy to detect/observe?

   _____
   _____
   _____

5. What did you learn about the basic characteristics used to describe weather?

   _____
   _____
   _____

LEARNING ACTIVITY SHEET

Learning Area:	Science	**Quarter:**	4th Quarter
Lesson No.:	4	**Date:**	
Lesson Title/ Topic:	**Weather Analysis and Forecasting**		
Name:		**Grade & Section:**	

I. Activity No. 2: Analyzing Results and Predicting Future Weather Conditions (1 Week)

II. **Objective(s):** *At the end of the activities, learners are expected to:*

a. analyze the data /observations gathered in weather charts;
b. interpret local weather chart;
c. make predictions on weather changes based on observations; and
d. make weather forecasts.

III. Materials Needed:

The tables where the daily observations done for the two weeks were recorded

IV. Instructions:

1. Work with your same group.
2. Take hold of the last week's weather chart observation data in Activity 2.
3. Analyze your data for every weather element by providing answers to the given questions and write your answers in the appropriate column in the table.
4. The first one on "Temperature" is done for you as follows.

Temperature

a. For the first three days of your observation, what has been the average temperature for those days? (Column A)
b. Is the temperature decreasing or increasing per day? (Column B)
c. What is the recorded average temperature for Days 4 to 6? (Colum C)
d. Is it decreasing or increasing? (Column D)
e. What prediction can you make about this weather condition in terms of temperature? (Column E)

Cloud

a. For the first three days of your observation, how would you describe the amount, color, shape and placement of clouds in the sky? (Column A)
b. Is the amount of clouds decreasing or increasing or the color appears white, gray or black; appears high or low in the sky per day? (Column B)
c. How would you describe the amount color, shape and placement of clouds in the sky in the next three days? (Column C)
d. Is it decreasing or increasing or changing in color, shape and placement? (Column D)
e. What prediction can you make about this weather condition in terms of cloudiness? (Column E)

Sunlight

a. For the first three days of your observation, how would you describe the amount of sunlight? (Column A)
b. Is the amount of sunlight decreasing or increasing per day? (Column B)
c. How would you describe the amount of sunlight in the next three days? (Column C)

d. Is it decreasing or increasing? (Column D)
e. What prediction can you make about this weather condition in terms of sunlight? (Column E)

Wind

a. For the first three days of your observation, how would you describe the movement of wind or speed of wind? (Column A)
b. Is the movement or speed of wind decreasing or increasing per day? (Column B)
c. How would you describe the movement or speed of wind in the next three days? (Column C)
d. Is it decreasing or increasing? (Column D)
e. What prediction can you make about this weather condition in terms of movement or speed of wind? (Column E)

Rainfall

a. For the first three days of your observation, how would you describe the amount of rainfall? (Column A)
b. Is the amount of rainfall decreasing or increasing per day? (Column B)
c. How would you describe the amount of rainfall in the next three days? (Column C)
d. Is it decreasing or increasing? (Column D)
e. What prediction can you make about this weather condition in terms of amount of rainfall? (Column E)

***Note**: For the Cloud, Sun and Wind, use the most dominant description for the given three (3) days.*

Weather Elements	**Day 1 - 3 (A)**	**Increasing/ decreasing/ other descriptions (B)**	**Day 4 - 6 (C)**	**Increasing/ decreasing/ other descriptions (D)**	**Predicted Weather Condition (E)**
Temperature					
Cloud					
Sun					
Wind					
Rainfall					

V. Synthesis

1. Based on your answers to the table above, what patterns can you see/observe from the given set for every weather element?

   _____
   _____

2. What learning did you gain (about weather changes) from this exercise?

   _____
   _____

3. How could predicting the future weather condition help you in your everyday activities or give you protection?

   _____
   _____

4. Do you think your predicting future weather condition of a place is easy or accurate? Why? Why not?

   _____
   _____