Lesson : WEATHER DISTURBANCES

Duration: 5 days

I. Objectives
1. Observe the changes in the weather before, during and after a typhoon.
2. Practice precautionary measures before, during, and after a typhoon.
3. Show concern to everyone especially in times when weather disturbances occur.

II. A. Materials:
Metacards, sandtable, strips of paper, pictures

B. References:
Science and Health 5 by Natividad Alegre del Prado
VICARISH PUBLICATIONS
Science and Health 5 by Carmelita Coronel et. Al.
SD Publications Inc.
Google.com,/images
YouTube

C. Process Skills: observing, communicating,inferring, drawing

D. Value Integration: Concern to one another.

III. Learning Tasks

Day 1

A. Engagement
1. Review
Provide each row with words written on metacards.
Task: Select the metacards where effects of soil erosion are written and post them on the space provided for your group on the board.
2. Motivation
Present pictures showing before, during and after a typhoon. Let pupils observe and later infer then tell something about the picture.

B. Exploration
1. Divide the class into three groups.
2. Introduce the activities. Let them follow the directions very well.
Group 1
Lesson ___: LM Activity 1. What are the changes in the weather before a typhoon?
Group 2
Lesson____: LM Activity 2. What are the changes in the weather during a typhoon?

Group 3
Lesson ____: LM Activity 3. What are the changes in the weather after a typhoon?

3. Let each group answer all the questions in their assigned activity.
4. Guide the pupils as they perform the activity. Observe maximum participation of the group members.

Day 2

C. Explanation

1. Ask a representative of each group to share their answers and results of the different activities.
2. Ask: How do you feel about the activity?

Activity 1

1. How will you describe the weather in the illustration?
2. With its set up, what do you think is about to happen or occur?

Activity 2

1. What is the condition of the environment?
2. What can you say about the weather? Describe it.
3. How do people react with the weather condition?

Activity 3

1. Describe the weather condition as compared to that of group 1 and 2?
2. What are the people doing?
3. What conclusion can you make based on the picture?

3. Teacher will discuss the weather conditions before, during and after a typhoon based on the learners report and give further explanation.

D. Elaboration

Using a sandtable, ask pupils to do LM Activity 4.

E .Evaluation

As observed, list down the weather changes in the following conditions

Before a Typhoon	During a Typhoon	After a Typhoon

Day 3

A. Engagement
   Review / Motivation
   Presentation of simple assigned pantomime of the conditions before, during, and after a typhoon.

B. Exploration
   1. Ask the pupils to stay with their groupings the previous day.
      Tell them to work on Lesson___LM Activity__
      What are the safety precautions;
      Before
      During
      After
      a typhoon?
      Answer the guide questions.
   2. Guide the pupils in doing the activity.

C. Explanation
   1. Call a representative from each group to report on their outputs.
   2. Give additional informations.

D. Elaboration / Extension
   Why is it important to know the weather before planning different activities?

   Discuss further about this information.

People need to know about the weather to be able to do their daily activities. Everyone's activities depend upon the kind of weather for the day.

During storms or typhoons, especially when typhoon signals are announced, school children are advised not to go to school and just stay home because streets may be flooded and objects blown by the wind are dangerous. When you and your friends plan for a picnic for the following day, you wish to know if the weather would be fair. If you plan some sports activities such as outdoor games, you need to know whether it will rain or not. You want to be sure if you could play in the baseball field or open basketball court.

When you are about to leave the house, you want to know whether you will take an umbrella or leave it at home. You also want to know what kind of clothes to wear.

Farmers plan their planting activities according to the weather. They listen to weather forecasts to know if there would be just enough rains when they plant their crops. And they should have harvested their crops before the heavy rain come.

Transportation services also depend on the weather for operations. Only few buses and jeepneys ply the streets during typhoons because they do not want to be stranded in the flood. Pilots and ship captains have to know the weather so that they can be warned of coming storms, strong winds, thick clouds, and fogs that can be dangerous to travel.

E. Evaluation

Oral- State what precautionary measure should you take during the following situations:

1. Clouds are dark, wind starts to blow.
2. Wind blows so hard, roofs and trees were broken.
3. Soil erosions and fallen rocks were on the streets.
4. Streets are flooded. Electric wires laid on the streets.
5. News forecast revealed strong typhoon is expected within 24 hours.

Day 4

A. Engagement
   1. Why is it important to know the weather condition when planning daily activities?
   2. Sharing of experiences encountered during previous typhoons.

B. Exploration
   1. Video showing on the weather conditions before, during and after the typhoon. Refer to LM Activity ___.

C. Explanation
   1. Discussion on what the learners have watched on the video presentation.
   2. Let them conclude based on what they have seen.

D. Elaboration
   1. Instruct learners to share their experiences and ideas gained in watching the video presentation.
   2. Guide the pupils as they do the sharing.

E. Evaluation

Write a short paragraph about the video presentation you have watched.

Day 5

A. Engagement
    1. What should be done before a typhoon?
    2. How can we ensure safety during a typhoon?
    3. Should we stay calm and relax right after a typhoon?

B. Exploration
    1. Group learners into 3. Tell them they will do a role playing activity.
    2. Let them do LM Activity ____.

C. Explanation
    Discussion on the presentations done by the learners.

D. Extension
    Discuss further about weather changes and safety precautions before, during and after a typhoon.
    Refer to Science and Health 5 p. 237

E. Evaluation

Oral – What safety precautions should be practiced:

Group I – Before a typhoon

Group 2 – During a typhoon

Group3 – After a typhoon