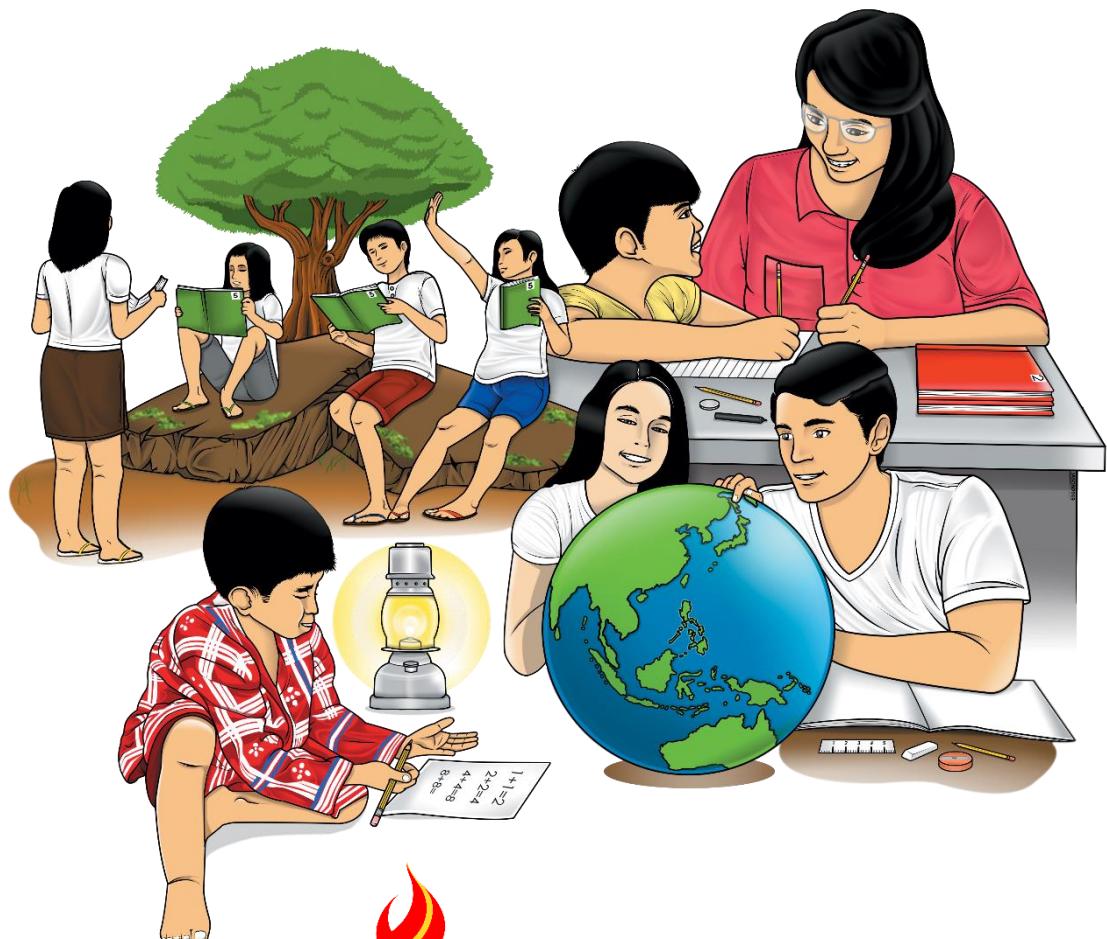


Science

Quarter 4 – Module 2

Weather



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Science – Grade 3
Alternative Delivery Mode
Quarter 2 – Module 2: Weather
First Edition, 2020

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Science

Quarter 4 – Module 2:

WEATHER

Introductory Message

For the facilitator:

Welcome to the Science 3 Alternative Delivery Mode (ADM) Module on Weather!

This module was collaboratively designed, developed and reviewed by educators both from public and private institutions to assist you as teacher or facilitator in helping the learners meet the standards set by the K to 12 Curriculum while overcoming personal, social, and economic constraints in schooling.

This learning resource hopes to engage the learners into guided and independent learning activities at their own pace and time. Furthermore, this also aims to help learners acquire the needed 21st century skills while taking into consideration their needs and circumstances.

In addition to the material in the main text, you will also see this box in the body of the module:



Notes to the Teacher

This contains helpful tips or strategies that will help you in guiding the learners.

As a facilitator you are expected to orient the learners on how to use this module. You also need to keep track of the learners' progress while allowing them to manage their own learning. Furthermore, you are expected to encourage and assist the learners as they do the tasks included in the module.

For the learner:

Welcome to the Science 3 Alternative Delivery Mode (ADM) Module on Weather!

The hand is one of the most symbolized part of the human body. It is often used to depict skill, action and purpose. Through our hands we may learn, create and accomplish. Hence, the hand in this learning resource signifies that you as a learner is capable and empowered to successfully achieve the relevant competencies and skills at your own pace and time.

This module was designed to provide you with fun and meaningful opportunities for guided and independent learning at your own pace and time. You will be enabled to process the contents of the learning resource while being an active learner.

This module has the following parts and corresponding icons:



What I Need to Know

This will give you an idea of the skills or competencies you are expected to learn in the module.



What I Know

This part includes an activity that aims to check what you already know about the lesson to take. If you get all the answers correct (100%), you may decide to skip this module, but if you got 50%-99% you will proceed with the module.



What's In

This is a brief drill or review to help you link the current lesson with the previous one.



What's New

In this portion, the new lesson will be introduced to you in various ways such as a story, a song, a

poem, a problem opener, an activity or a situation.



What is It

This section provides a brief discussion of the lesson. This aims to help you discover and understand new concepts and skills.



What's More

This comprises activities for independent practice to strengthen your understanding and skills of the topic. You may check the answers to the exercises using the Answer Key at the end of the module.



What I Have Learned

This includes questions or blank sentence/paragraph to be filled in to process what you have learned from the lesson.



What I Can Do

This section provides an activity which will help you transfer your new knowledge or skill into real life situations.



Assessment

This is a task which aims to evaluate your level of mastery in achieving the learning competency.



Additional Activities

In this portion, another activity will be given to you to enrich your knowledge or skill on the lesson learned. This also tends retention of learned concepts.



Answer Key

This contains answers to all activities in the module.

At the end of this module you will also find:

References

This is a list of all sources used in developing this module

The following are some reminders in using this module:

1. Use the module with care. Do not put unnecessary mark/s on any part of the module. Use a separate sheet of paper in answering the exercises.
2. Don't forget to answer *What I Know* before moving on to the other activities included in the module.
3. Read the instruction carefully before doing each task.
4. Observe honesty and integrity in doing the tasks and checking your answers.
5. Finish the task at hand before proceeding to the next.
6. Return this module to your teacher/facilitator once you are through with it.

If you encounter any difficulty in answering the tasks in this module, do not hesitate to consult your teacher or facilitator. Always bear in mind that you are not alone.

We hope that through this material, you will experience meaningful learning and gain deep understanding of the relevant competencies. You can do it!



What I Need to Know

This module was designed and written with you in mind. It is here to help you master weather.

The scope of this module allows it to be used in many different learning situations. The language used recognizes the different vocabulary level of students. The lessons are arranged to follow the standard sequence of the course. But the order in which you read them can be changed to be similar with the textbook you are now using.

The module is divided into two lessons, namely:

- Lesson 1 – Weather: The types of weather.
- Lesson 2 – Types of clouds

After going through this module, you are expected to:

1. identify the types of weather;
2. identify the effects of weather in our everyday activities;
3. express ideas about safety measures during different weather conditions;
4. describe the changes of weather over a period of time; and
5. identify the different types of clouds.



What I Know

Encircle the word that you can find in the puzzle with the clues given below. Write your answer on a separate sheet of paper.

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

- Movement of air.
- Water that falls from the clouds.
- A white or gray mass in the air.
- Produce light or heat in the sky.
- The state of air and atmosphere.

Lesson 1

Weather

Weather is the condition of the air whether it is warm or cold, wet and dry and cloudy or windy in a particular time and at a particular place. Weather refers to everyday temperature and its differences between one place or another.



What's In

When we talk about weather, we describe the condition of our atmosphere at a particular time at a given place. The condition of the atmosphere varies on the presence of the sun, the condition of the clouds, the speed of the wind and the temperature of the air. The four weather conditions are sunny day, rainy day, windy day and cloudy day.

Can you tell what the temperature of your place is right now?

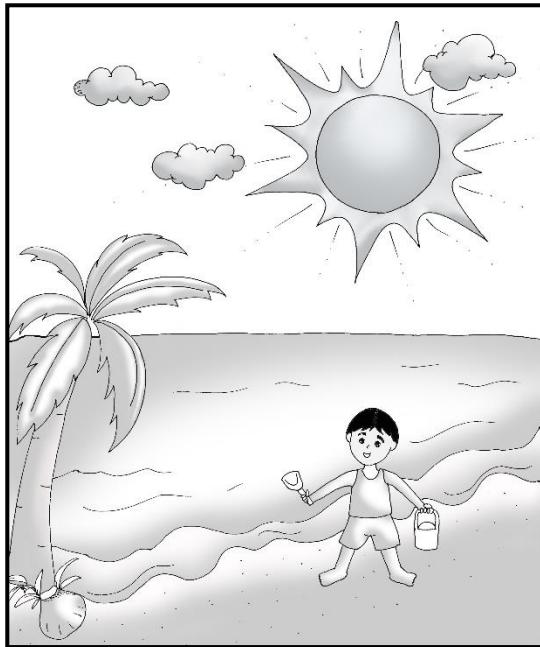


Notes to the Teacher

Let the learner write their answer based on the questions given in the paper.

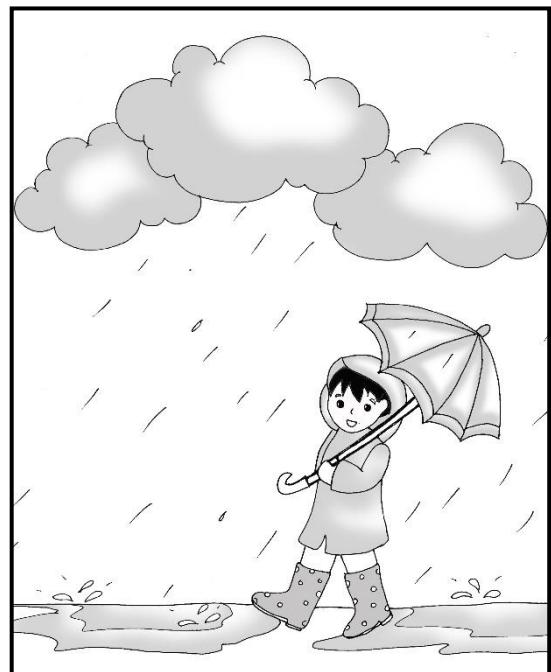


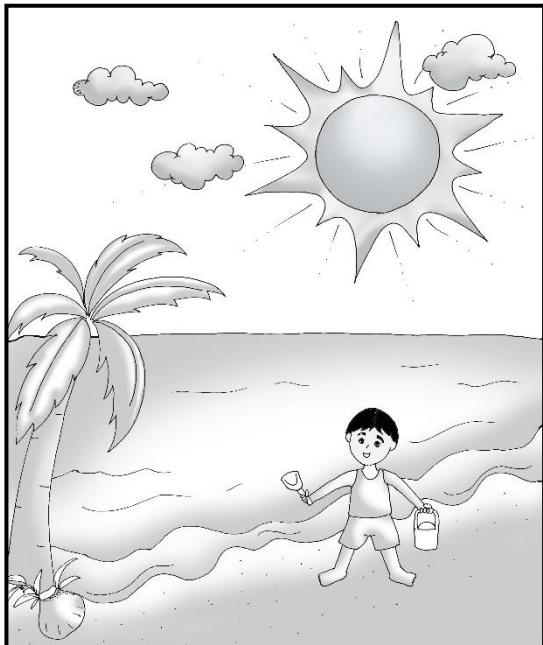
What's New



It is a **sunny day** when the sun is brightly shining, the air is warm and the wind is weak. People love to go to beach during this day and kids love to play outside.

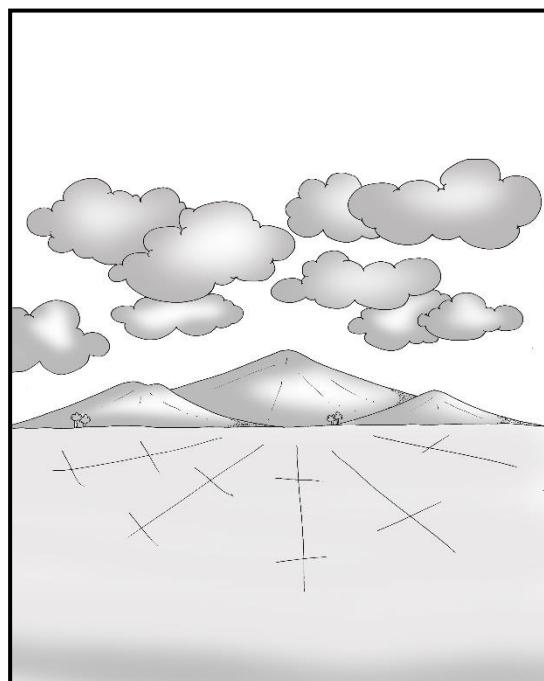
It is a **rainy day** when you cannot see the sun anywhere. The surroundings are dark and gloomy, and the rain is falling. People love to stay at home during this day and it's necessary to bring with you umbrella and coat.





It is a **windy** day when the sun is shining. The surroundings are sometimes dark and gloomy and the wind is blowing hard. Children love to fly their kites during this day.

It is a **cloudy** day when the sun is not visible. The surroundings are gloomy due to plenty of clouds in the sky but there is no rain.



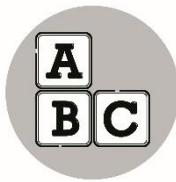


What is It

Observe the weather every morning and afternoon for four days. Record it and write your observation to complete the table given below.

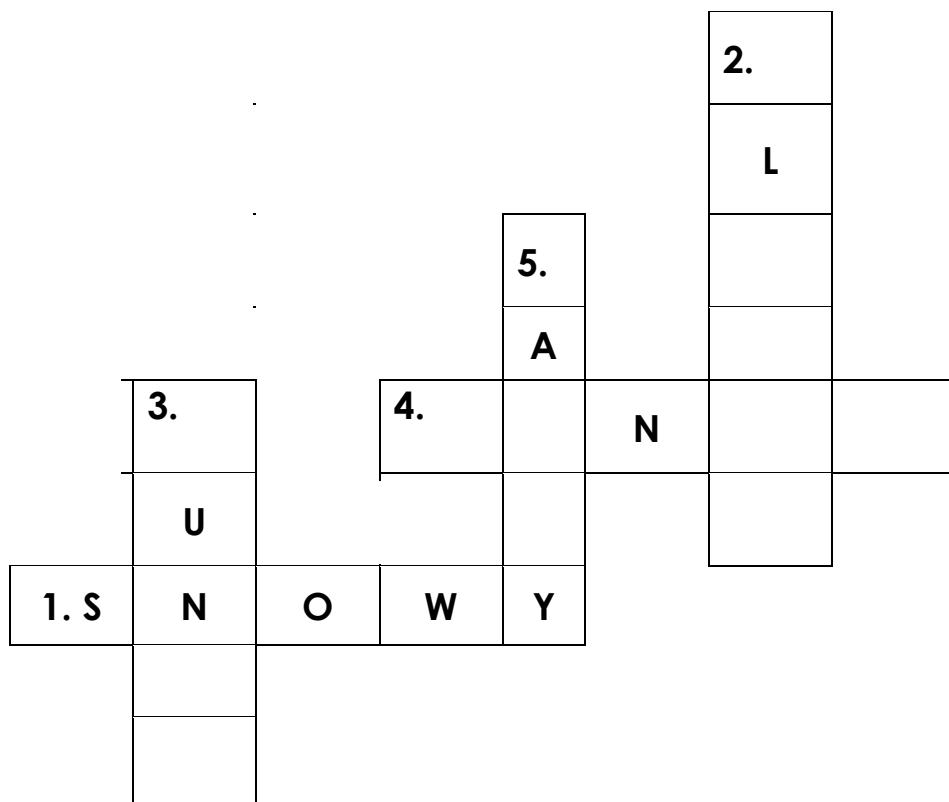
OBSERVATIONS		
Days	Morning	Afternoon
Monday		
Tuesday		
Wednesday		
Thursday		

- What can you say about the weather on Monday? Tuesday? Wednesday? and Friday?



What's More

Answer the puzzle using the given clues below. Number 1 is given to you



1. Weather where ice crystals fall from the sky.
2. Weather when the sky is full of floating clouds.
3. Weather where sky is blue with bright sunlight.
4. Weather characterized by or abounding in wind.
5. Weather in which there is a lot of rain that fall at a particular time.



What I Have Learned

Weather is the condition of the air above the earth at a particular time over a particular area. Every day, experts try to predict weather but they never get it exactly right because weather varies on area and time.

Rainy day is when you cannot see the sun anywhere.

Sunny day is when the sun is brightly shining, the air is warm and the wind is weak.

Windy day is when the sun is shining. The surroundings are sometimes dark and gloomy and the wind is blowing hard.

Cloudy day is when the sun is not visible. The surroundings are dark because there are plenty of clouds in the sky yet the rain is not falling.



What I Can Do

Let's observe!. Go outside of peep in your window and observe the weather of the day . Can you draw it? With help of your learning facilitator or family member identify the weather of the day and draw it in a separate sheet of paper.



Assessment

A. Form a word out of the scrambled letters below. Then tell or share something about that word with your family members or learning facilitator.

1. ANYIR - _____

2. YNUNS - _____

3. DIWYN - _____

4. OLCUYD - _____

5. RHAEWTE - _____

B. On the box below, Cut out some pictures of types of weather and paste this in a clean sheet of paper.

1. Sunny Day

2. . Windy Day

3. Cloudy Day

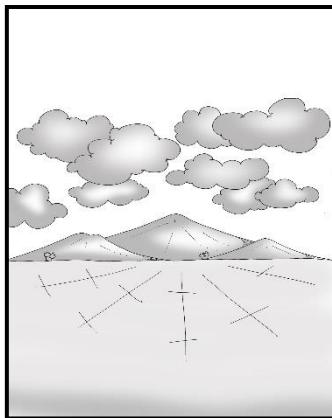
4. Rainy Day

5. Stormy day



What I Know

Connect the picture to its name and identify the types of weather in each picture.

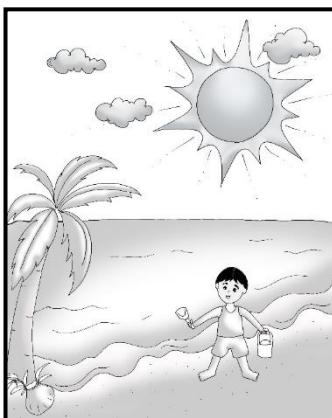


Windy

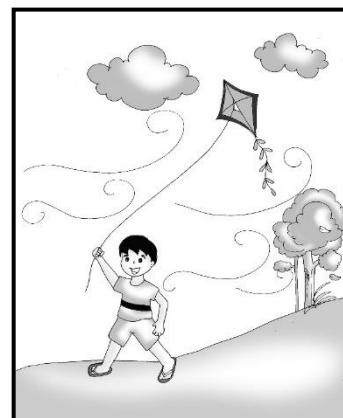


Cloudy

Sunny



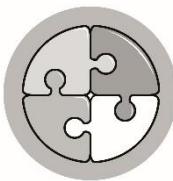
Rainy



Lesson 2

TYPES OF CLOUDS

Clouds are formed when the air that contains water or water vapor becomes warm and rises. It is a collection of very tiny droplets of water or ice crystals. These water droplets or ice crystals are too small and light that they can float in the air.



What's In

Clouds are made of water and dust, dirt, or sea salt. When the atmosphere is hot these particles will become water vapor and these vapors condenses to form liquid water or ice, which results in the formation of tiny globules called cloud droplets. Cloud droplets are extremely light and amass while they float, mixing with air to form the fluffy formations we see suspended in the sky



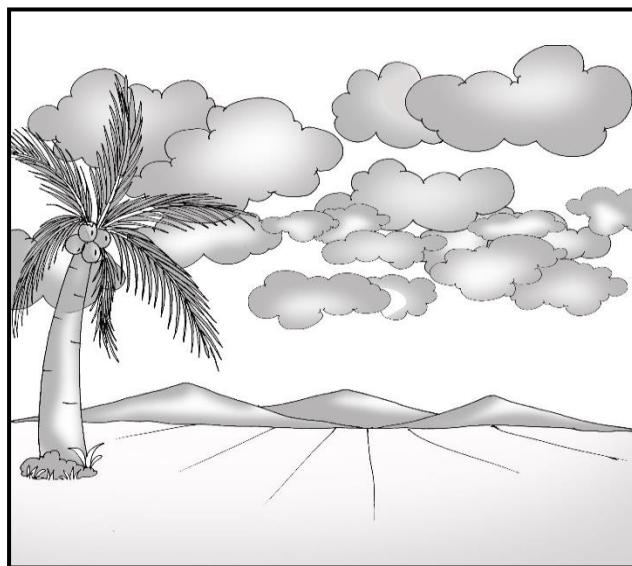
What's New

There are 3 kinds of clouds. The **Cirrus** cloud, **Cumulus** cloud and the **Stratus** cloud.

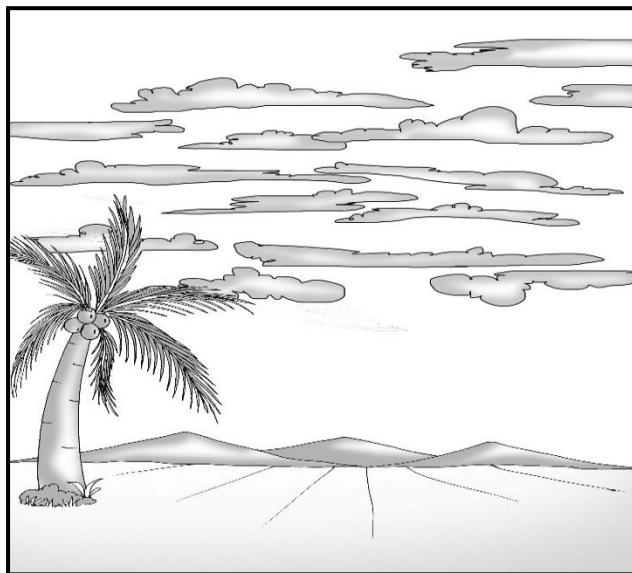
A. **Cirrus Cloud** – clouds that are thin and wispy and made of ice crystals. It looks like the tail of a horse.



B. **Cumulus cloud** – clouds that are white and puffy and looks like a cotton floating in the air.



C. Stratus cloud – clouds that are low, flat and gray. When it became nearest to the ground it is what we call **fog**.

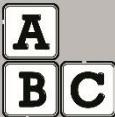


What is It

Observe the clouds in the sky every day for four days. Record your observation in the table given below.

Monday	Tuesday	Wednesday	Thursday

- What can you say about the clouds in the sky on Monday? Tuesday? Wednesday? and Thursday?



What's More

Based on your observation, describe the shape and color of the clouds and write it in the box provided below.

	Shape of the clouds	Color of the clouds
Monday		
Tuesday		
Wednesday		
Thursday		

➤ What can you say about the shape and color of the clouds on Monday? Tuesday? Thursday? and Friday?

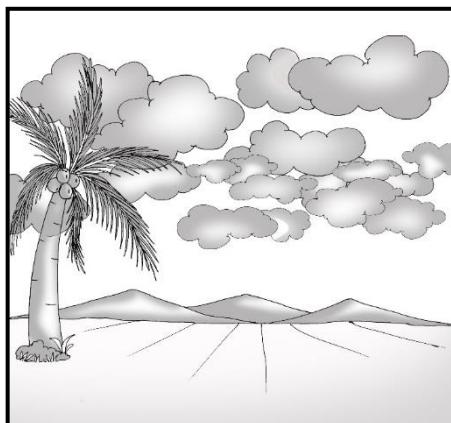


What I Have Learned

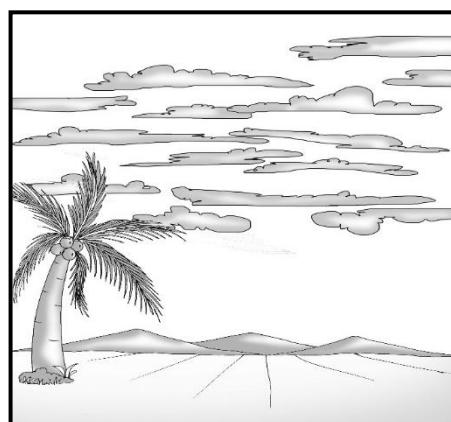
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A. Cirrus Cloud – clouds that are thin and wispy and made of ice crystals. It looks like the tail of a horse.



B. Cumulus cloud – clouds that are white and puffy and look like a cotton floating in the air.



C. Stratus cloud – clouds that are low, flat and gray. When it became nearest to the ground it is what we call fog.



Assessment

Write the missing word that best describes to what is being stated. Find your answer on the box below.

Cirrus Cloud

Cumulus cloud

Stratus cloud

1. _____ are clouds that looks like the tail of a horse.
2. _____ are clouds that looks like cotton floating in the air.
3. _____ are clouds that sometimes we call fog because it is so low and nearest in the ground.



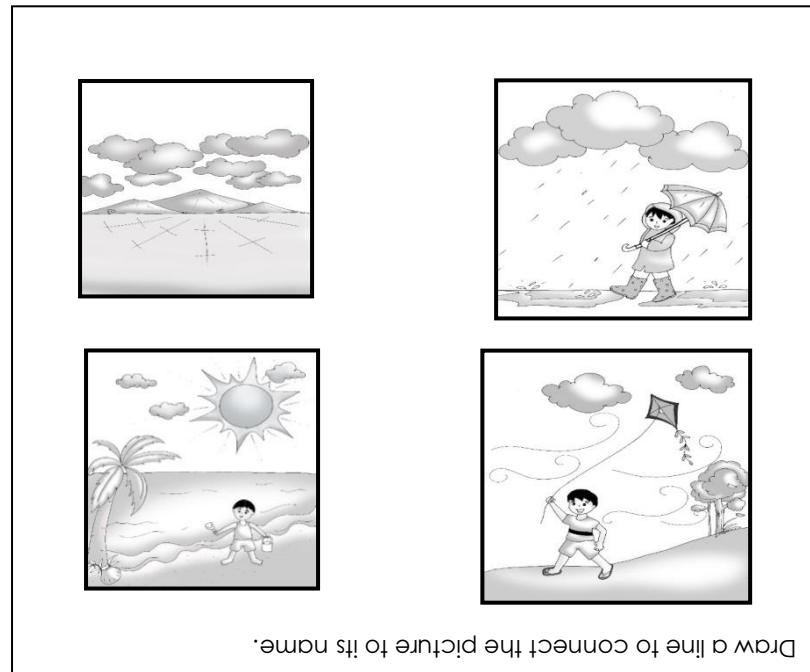
Answer Key

Lesson 1 :

What I Know	Wind	Air	Cloud	Weather
Assessment	What's More	Assessment	Assessment	Assessment
1. Rainy	1. Snowy	2. Cloudy	3. Windy	4. Rainy
2. Sunny	2. Cloudy	3. Sunny	3. Windy	5. Rainy
3. Windy	3. Windy	4. Cloudy	4. Windy	5. Weather

Lesson 2:

What I know



1. Cirrus Clouds
2. Cumulus Clouds
3. Stratus Clouds

Assessment

References

Sacatropes, Arthur DC, et.al. SCIENCE 3 Kagamitan ng Mag-aaral
Sinigbuang Binisaya. pp148-149

Sacatropes, Arthur DC, et.al. SCIENCE 3 Teacher's Guide. pp180-182

SCIENCE 3 Curriculum Guide 201

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