

7

# Learning Activity Sheet for Science

Quarter 4

Lesson

6

**Worksheet for Science Grade 7**  
**Quarter 4: Lesson 6 (Week 6)**  
**SY 2023-2024**

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## LEARNING ACTIVITY SHEET

<b>Learning Area:</b>	Science 7	<b>Quarter:</b>	4th Quarter
<b>Lesson No.:</b>	6	<b>Date:</b>	
<b>Lesson Title/ Topic:</b>	Monsoons and ITCZ		
<b>Name:</b>		<b>Grade &amp; Section:</b>	

**I. Activity No.1: Cloud Formation****II. Objective(s):**

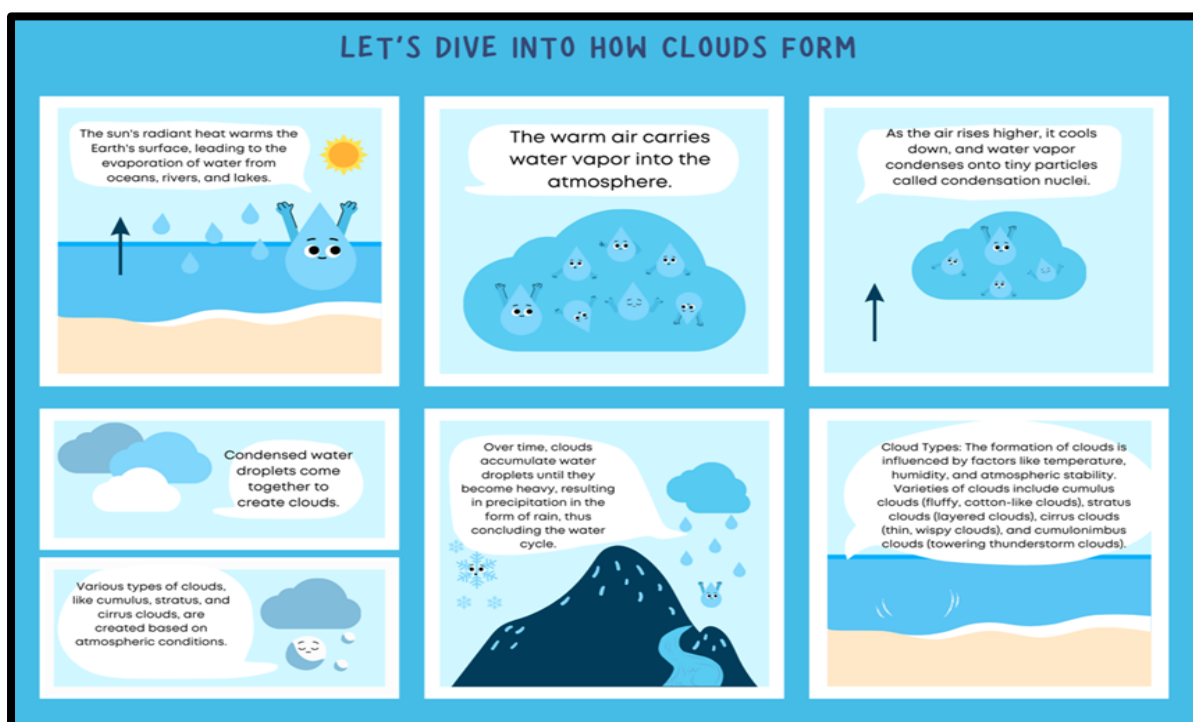
- Explain the formation of clouds.

**III. Materials Needed:**

- Paper and pen

**IV. Instructions:**

- Read the comic strip and answer the questions that follow.

**Guide Questions:**

1. How are clouds formed?

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2. Why do clouds form at different heights in the atmosphere?

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**I. Activity No. 2: Cloud in a Jar****II. Objective(s):**

- *Create a cloud inside a glass jar.*

**III. Materials Needed:**

- Glass Jar with cover or glass bottle with wide opening and cover
- 1/2 Cup of Hot Water
- Hairspray
- 1/2 Cup of Ice cubes

**IV. Instructions:**

- Pour the hot water into the jar.
- Swirl the jar around.
- Cover the jar and place the ice cubes on top of the cover.
- Wait 20-30 seconds.
- Remove the cover and quickly spray hairspray in the jar.
- Put the cover back on the top of the jar, keeping the ice on the top of the jar.
- Observe what happens inside the jar.

**Guide Questions:**

1. Compare the temperature between the water and the cover. What do these represent in the environment?

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2. What happened after the hairspray was quickly added into the jar?

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3. What causes the movement or “swirling” of the cloud inside the jar?

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**I. Activity No. 3: Habagat and Amihan**

**II. Objective(s):**

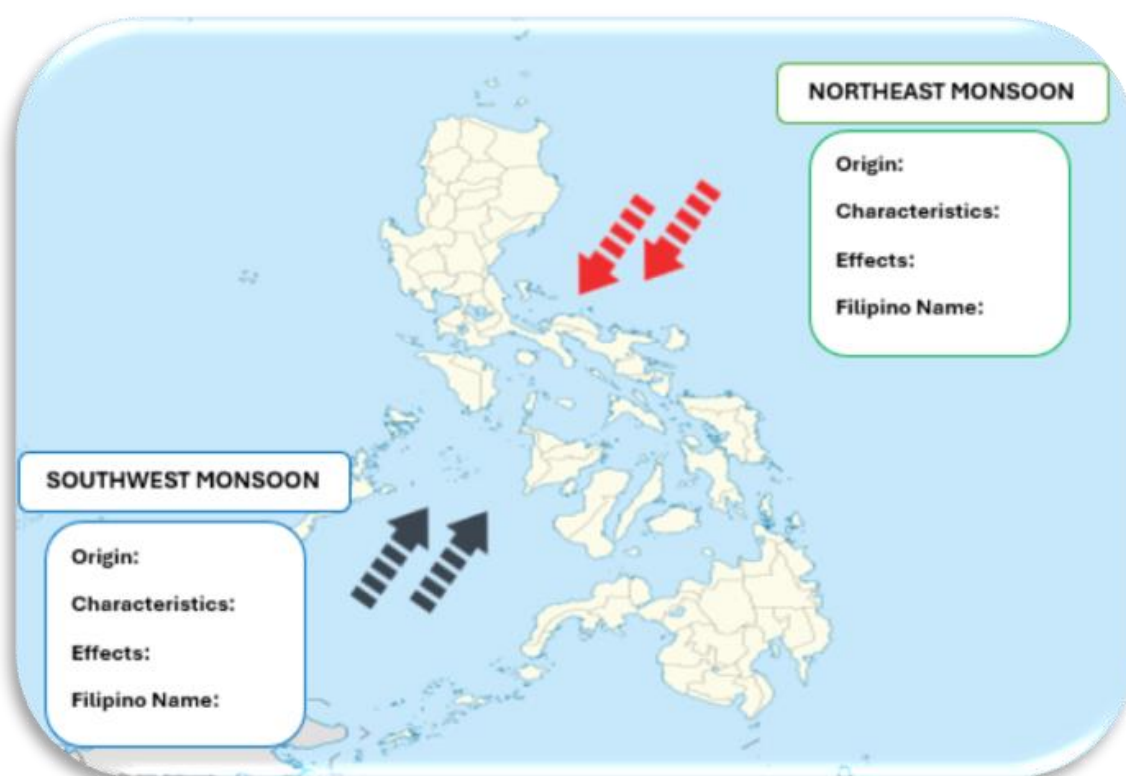
- Identify and describe the effects of different monsoons in the Philippines.

**III. Materials Needed:**

- Paper and pen

**IV. Instructions:**

- Complete the required data on the map by selecting the correct answer(s) from the word bank.



**Word Bank**

Habagat	Amihan	West or Southwest part
Warm and Humid	Heavy rains	Cold and Dry
Eastern part	Light rains and cold weather	
Formation of cirrus clouds	Formation of cumulus clouds	