

Science and Health

TYPHOON SIGNALS





To the Learner

We cannot avoid tropical cyclone that enters in our place. All we can do is to prepare for its coming. How can we prepare if we are warned of its coming? Who are responsible for giving signals to people? Let's find out by going over through this module.



Let's Learn This

- Explain the meaning of typhoon signals.



Let's Try This

Encircle the letter that has the correct answer.

- 1.) The government agency that warns the people of an approaching typhoon.
a. PHIVOLCS b. PAGASA c. DENR d. DEPED
- 2.) Typhoon signals are raised according to _____?
a. strength of the wind c. strength and speed of the wind
b. speed of the wind d. none of the above
- 3.) Weather bulletin are posted and warnings are issued by PAGASA_____.
a. to give people time to prepare..
b. to give people to go and a movie.
c. to give people time for swimming.
d. to give people time to party.

- 4.) When classes in all levels are suspended and work in government offices are likewise suspended, what typhoon signal is raised?
- a. Signal No. 1 b. Signal No. 2 c. Signal No. 3 d. Signal No. 4
- 5.) Strong winds of 60-100 kph is expected within 24 hours and classes in the elementary and secondary levels are suspended. It describes _____.
- a. Signal No. 1 b. Signal No. 2 c. Signal No. 3 d. Signal No. 4



Let's Study This

Typhoon signals are raised when wind speed is very strong. Wind strength determines typhoon signals. Philippines Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) is a government agency that issue warnings to people.

Typhoon signals to warn people of the coming typhoon through their regular weather bulletins.

Wind speed is expressed in kilometers per hour (Kph) and wind speed is measured by the use of an anemometer.

The following are different typhoon signals and their descriptions.

TABLE 1. TYPHOON SIGNALS AND THEIR DESCRIPTION

<u>SIGNAL NUMBER</u>	<u>DESCRIPTION</u>
1 = one blast	Strong winds of 30-60 kph maybe expected Within at least 36 hours. Be alert, always listen to PAGASA'S update.
2 = two blast	Strong winds of 60 to 100 kph maybe expected Within at least 24 hours. Postpone air or sea travel. Classes in the elementary and secondary are suspended.
3 = three blast	Strong winds of 100 to 185 kph maybe expected Within at least 18 hours. Classes in all level are Suspended. Work in government offices are likewise suspended.
4 = four blast	Very strong winds of more than 185 kph are expected at least within 12 hours.



Let's Do This

A. Supply the answers needed.

1. Government agency that issue typhoon signal.
2. Measure the speed of the wind.
3. Wind speed of a tropical cyclone is expressed in.
- 4-5. Typhoon signals are raised according to

B.

1. What are the typhoon signals.
2. Give a short description of each typhoon signal.

C. Match the signal to each description.

A

1. Signal No. 1
2. Signal No. 2
3. Signal No. 3
4. Signal No. 4

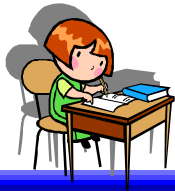
B.

- a. Strong winds of 60-100 kph
- b. Strong winds of 100-125 kph
- c. Strong winds of 30-60 kph
- d. Strong winds of more than 185 kph



Let's Remember This

Philippines Atmosphere Geophysical Astronomical Services Administration (PAGASA) issues typhoon signals to warn people of the coming typhoon. And give them time to prepare to avoid danger.



Let's Test Ourselves

Encircle the letter that has the correct answer.

- 1.) The government agency that warns the people of an approaching typhoon.
a. PHIVOLCS b. PAGASA c. DENR d. DEPED
- 2.) Typhoon signals are raised according to _____.
a. strength of the wind c. strength and speed of the wind
b. speed of the wind d. none of the above
- 3.) Weather bulletin are posted and warnings are issued by PAGASA on what purpose?
a. to give people time to prepare
b. to give people to go and a movie
c. to give people time for swimming
d. to give people time to party
- 4.) When classes in all levels are suspended and work in government offices are likewise suspended, typhoon signals is raised to _____.
a. Signal No. 1 b. Signal No. 2 c. Signal No. 3 d. Signal No. 4
- 5.) Strong winds of 60-100 kph is expected within 24 hours and classes in the elementary and secondary levels are suspended. It describes _____.
a. Signal No. 1 b. Signal No. 2 c. Signal No. 3 d. Signal No. 4



Answer Key

Let's Try This

1. b
2. b
3. d
4. a
5. a

Let's Do This:

A.

1. PAGASA
2. Anemometer
3. Kilometer per hour/kph
4. Speed of the wind
5. Strength of the wind

B.

1. Signal no. 1 = Strong winds of 30-60 kph maybe expected within at least 36 hours.
2. Signal no. 2 = Strong winds of 60-100 kph maybe expected within at least 24 hours.
3. Signal no. 3 = Strong winds of 100-185 kph maybe expected within at least 18 hours.
4. Signal no. 4 = Strong winds of more than 185 kph are expected within at least 12 hours.

C.

- | | |
|------|------|
| 1. A | 3. B |
| 2. B | 4. D |

Let's Test Ourselves

1. b
2. b
3. d
4. a
5. a