



Topic/Objective CHAPTER:

NAME:

Pd: 1 3 4 5 other

DATE

Essential Question

# What is a Hurricane?

Cue: Review:  
Thoughts: Main Idea

NOTE Taking AREA:

Video

video

- Hurricane & twister song by Mr. Parr.
- Introduction to Hurricanes by Frank Gregorio

- Sun rises in late summer over the **Warm** tropics.

- where ocean ~~evaporation~~ evaporation is high, thus causing a **FEARSOME** storm.

Type of Pressure

This storm is called: **Hurricane**

↳ Low Pressure system spinning counter clockwise (in Northern Hemisphere)

↳ with air sinking @ the center, then rising and sinking.

Tropical Cyclone → L Pressure rotating clockwise.

How do They form?

STEP 1

- Sun over a **warm** tropical ocean causes H<sub>2</sub>O (water) to **evaporate** and rise.

STEP 2

- As it rises, it **cools** and condenses into clouds... Lots of clouds

STEP 3

- Over time, those clouds combine to form **Cumulonimbus** clouds

NOTES CONTINUE ON OTHER SIDE



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Step 4

- As they get massive, some storms may begin rotating. A.K.A. Tropical Disturbance
- That rotation sucks up billions more tons of (H<sub>2</sub>O vapor) from the warm South Atlantic A.K.A. Tropical Depression

Step 5

- If the storm reaches sustained winds of 39 mph, it is named: Tropical Storm

Step 6

- If winds reach 74 mph it is classified as a Category 1 Hurricane; Typhoon

N. Hemi cyclone  
S. Hemi

- Ships @ sea face grave danger

Storm Weakens

- If a hurricane hits Land or ocean, IT loses its energy source of warmth

cool ocean, IT

Storm Surge

- is wind driven water towards land which washes over it.

Center of

- this is the safest and calm place in a Hurricane. The center is called: EYE which is located in the center

SUMMARY:

a Hurricane

EYE wall

- Surrounds the eye by a band of strong winds called the EYE WALL.

Strongest winds