

## A2. Hurricanes

### Hurricanes

Hurricanes are big storms that happen over the ocean. They are very strong and can cause a lot of damage. When a hurricane forms, it starts as a small storm. But as it moves over warm water, it gets bigger and stronger.



Hurricanes have different parts. The center of the hurricane is called the eye. The eye is calm and peaceful, with clear skies and no wind. But around the eye is the eyewall, which is the most dangerous part. The eyewall has strong winds and heavy rain. It can knock down trees and damage buildings.

Hurricanes have different categories based on how strong they are. Category 1 hurricanes are the weakest, with winds between 74 and 95 miles per hour. Category 5 hurricanes are the strongest, with winds over 157 miles per hour. The stronger the hurricane, the more damage it can cause.

When a hurricane is coming, people need to get ready. They should listen to the news and follow the instructions of their parents or guardians. Sometimes, people need to leave their homes and go to a safer place. This is called evacuating. It is important to have a plan and know where to go.

During a hurricane, it is important to stay safe. People should stay inside and away from windows. They should have food, water, and other supplies in case the power goes out. After the hurricane passes, it is important to be careful because there can be dangerous things like fallen trees and power lines.



Hurricanes can be scary, but scientists are working hard to understand them better. They use special tools and satellites to track hurricanes and predict where they will go. This helps people prepare and stay safe.

1. What are hurricanes?
  - A) Big storms that happen over the ocean
  - B) Small storms that happen over the ocean
  - C) Big storms that happen over land
  - D) Small storms that happen over land
2. What happens to a hurricane when it moves over warm water?
  - A) It gets smaller and weaker
  - B) It gets bigger and stronger
  - C) It disappears
  - D) It moves faster
3. What is the calm center of a hurricane called?
  - A) The eye
  - B) The eyewall
  - C) The storm
  - D) The wind
4. Which part of the hurricane has strong winds and heavy rain?
  - A) The eye
  - B) The eyewall
  - C) The storm surge
  - D) The tornado
5. How are hurricanes categorized?
  - A) By the amount of rain they have
  - B) By the size of the waves they create
  - C) By the strength of their winds
  - D) By the distance they travel
6. What should people do when a hurricane is coming?
  - A) Stay outside and watch the storm
  - B) Listen to the news and follow instructions
  - C) Keep doing their regular activities
  - D) Open the windows to let the wind in
7. What does it mean to evacuate?
  - A) Stay inside and wait for the storm to pass
  - B) Go to a safer place
  - C) Go to the beach to watch the storm
  - D) Drive around in the storm
8. What should people do during a hurricane?
  - A) Go outside and play in the rain
  - B) Stay inside and away from windows

- C) Watch TV from the rooftop  
D) Drive to a friend's house
9. What can be dangerous after a hurricane passes?  
A) Fallen trees and power lines  
B) Sunny weather and clear skies  
C) Birds and butterflies  
D) Flowers and plants
10. How do scientists track and predict hurricanes?  
A) By looking at the stars  
B) By using special tools and satellites  
C) By asking people who live near the ocean  
D) By guessing

## ANSWERS & EXPLANATIONS

1. A) Big storms that happen over the ocean
  - The passage states that hurricanes are big storms that happen over the ocean.
2. B) It gets bigger and stronger
  - The passage explains that as a hurricane moves over warm water, it gets bigger and stronger.
3. A) The eye
  - The passage mentions that the calm center of a hurricane is called the eye.
4. B) The eyewall
  - The passage describes the eyewall as the part of the hurricane with strong winds and heavy rain.
5. C) By the strength of their winds
  - The passage states that hurricanes are categorized based on the strength of their winds.
6. B) Listen to the news and follow instructions
  - The passage advises people to listen to the news and follow the instructions when a hurricane is coming.
7. B) Go to a safer place
  - The passage explains that evacuating means going to a safer place.
8. B) Stay inside and away from windows
  - The passage recommends that people stay inside and away from windows during a hurricane.
9. A) Fallen trees and power lines
  - The passage mentions that after a hurricane passes, there can be dangerous things like fallen trees and power lines.
10. B) By using special tools and satellites
  - The passage states that scientists track and predict hurricanes by using special tools and satellites.