

Name: _____ Date: _____ Block: _____

Section 1: Introduction

1. Define extreme weather.
2. What are some examples of extreme weather?

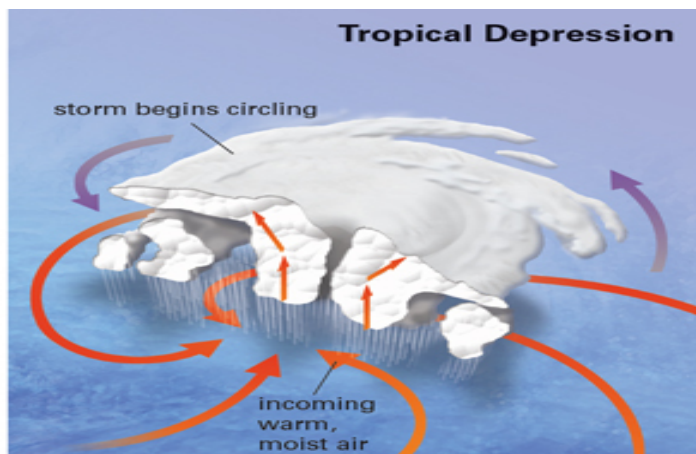
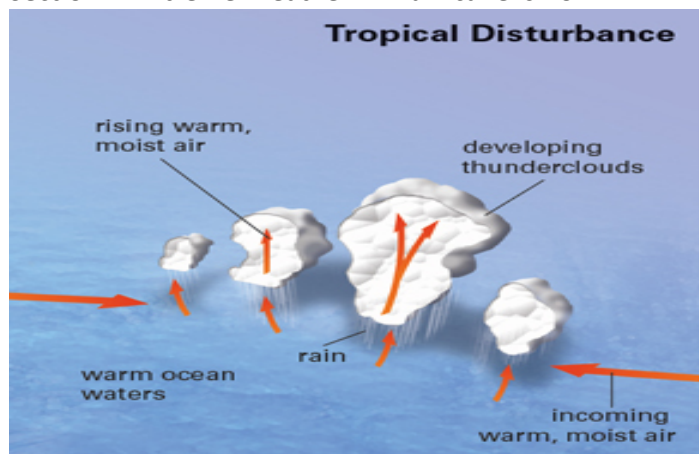
Section 2: Geographic Setting

3. What are the main crops grown in the Caribbean?
4. What is the major cash crop of the Caribbean?
5. What is the most extreme form of weather in the region of the Caribbean?
6. Define meteorology.

Section 3: Understanding the Weather Machine

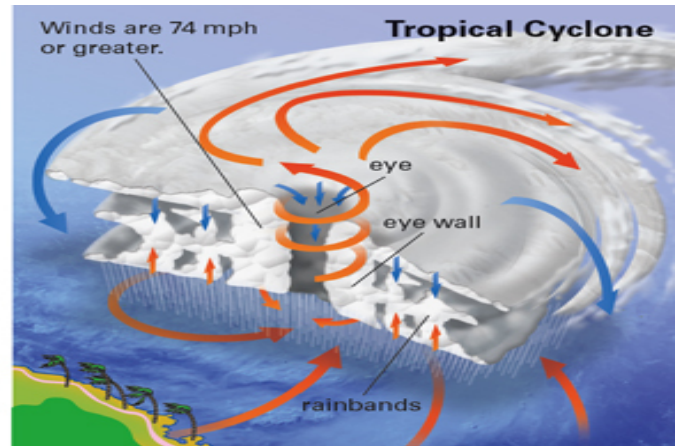
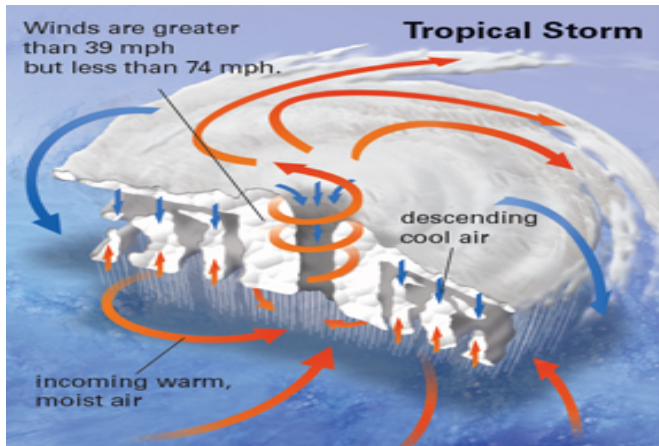
7. What does predictable weather patterns create?
8. What is the Coriolis effect?
9. How can small changes in the wind and ocean currents cause extreme weather?
10. What is the translation for El Nino?
11. In what three oceans do tropical cyclones occur?
12. How hot must the water be for a tropical cyclone to occur?
13. What are the tropical cyclones called in each of the oceans?

Section 4: Extreme Weather- A Hurricane is Born



14. What causes a tropical thunderstorm?
15. What is a tropical disturbance?
16. Describe a tropical depression.
17. What is the difference between the tropical depression and a tropical storm?

Section 5: Inside a Monster Storm



18. What characteristics must be present for a tropical storm to be classified as a tropical cyclone (hurricane)?
19. List and define the parts of the hurricane.
20. Where are Atlantic hurricanes born?

Section 6: Tracking and Preparing for a Hurricane

21. Who works with meteorologists to track tropical storms/ hurricanes?
22. How does the name of a hurricane get “retired,” and how many names of hurricanes have been retired since 1954?
23. What scale is used to rate the strength of a hurricane?
24. How many categories of hurricanes are there?

Section 7: A Natural Disaster Begins

25. What are the dangers of a hurricane to populations?
26. What is the most destructive force of the hurricane?

Section 8: Cleaning Up After a Natural Disaster

27. What happens to a hurricane once it reaches a landmass?
28. What is the first task after a storm has passed through?
29. How is this done?
30. What all is involved in clean-up after a hurricane/ tropical storm has passed through?