Web Research: Hurricanes

**Use the following resources to research your questions.**

National Weather Service

<http://www.weather.gov>

National Hurricane Center

<http://www.nhc.noaa.gov>

Hurricane Sandy

<http://www.weather.gov/okx/HurricaneSandy>

Hurricane Formation

<http://scijinks.jpl.nasa.gov/hurricane/>

Hurricane Preparedness

<http://www.nhc.noaa.gov/prepare/ready.php>

<http://www.redcross.org/prepare/disaster/hurricane>

<http://www.nhc.noaa.gov/outreach/history/#okee>

***Questions about Hurricanes!***

1. What is the relationship among hurricanes, typhoons, and tropical cyclones?
2. What are the three weather conditions under which a tropical cyclone usually develops?
3. What is the source of energy for all tropical cyclones?
4. Describe the three stages of development of a tropical cyclone. Include the wind speed in your description.
5. What are the three parts of a hurricane?
6. A hurricane was described as a 4 on the Saffir-Simpson scale. What does this mean?
7. What is the diameter of a typical hurricane? What is the diameter of the eye of a typical hurricane?
8. When and where was the worst hurricane in the United States? How many people died in that hurricane?
9. When and where was the worst hurricane in the world? How many people died in that hurricane?
10. What will be the name of the first tropical storm in the Atlantic and Caribbean in the year 2003?