Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Hurricane**

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| **Station 1: List the 4 stages of a hurricane. Include wind speed with each stage.****1.****2.****3.****4.****List the parts of a hurricane.****1.****2.****3.** | **Station 2:****Write the process of how a hurricane forms.****1.****2.****3.****4.****5.****6.** |
| **Station 3:****List the 5 effects of a hurricane.****1.****2.****3.****4.****5.****What causes a storm surge?** | **Station 4:****Who invented the Saffir-Simpson hurricane scale? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Why was the Saffir-Simpson hurricane scale created?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****How many categories are listed on the Saffir-Simpson Hurricane scale? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |
| **Station 4:****Look at the 5 photos showing hurricane damage. Using the Saffir-Simpson Hurricane Scale rank each photo.****Photo 1 \_\_\_\_\_\_\_\_ Photo 4 \_\_\_\_\_\_****Photo 2 \_\_\_\_\_\_\_\_ Photo 5 \_\_\_\_\_\_****Photo 3 \_\_\_\_\_\_\_\_** |  |

**Station 5:**

**Find the data table and graph which shows hurricane frequency per month during the hurricane season (June 1- November 30). Analyze the data to answer the following questions.**

**1. What is the busiest month(s) for Atlantic hurricanes? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. How many hurricanes usually form each hurricane season? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**3. When would you NOT rent a Florida beach condo? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4. What is the busiest week(s) for Category 4-5 hurricanes? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Station 6:**

**Find the graphs which show the temperature of hurricane waters in 2009.**

**1. Based on the data, which of the three months do you think produces more hurricanes? Explain. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. Are there some areas of the Atlantic Ocean where you would expect more hurricanes to form? Explain.**

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| **Station 7:****Write a paragraph describing how the information in this passage will impact your everyday life. (Paragraph must be 6-8 sentences.)** | **Station 8:****What is the main idea of the passage you read?** |