Name \_\_\_\_\_\_Answers\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Forces of Nature: Hurricanes

1. Once the wind speeds meet hit a constant speed of \_\_\_\_74\_\_\_ mph, the tropical storm is classified as a hurricane.
2. Under what conditions does a hurricane form?

*The trade winds of the northern and southern hemispheres meet and cause tropical disturbances. To grow into a tropical depression, there needs to be energy from warm water. As the depression moves across the water, the energy grows and becomes a tropical storm.*

1. Describe a hurricane when it hits land.

*There are extremely high winds, torrential rains, tornadoes, and deadly storm surges.*

1. What is a hurricanes most destructive and deadly force?

*Wind because it can turn anything unsecured, peel tiles off of roofs, batter boats, topple trees and telephone poles, and cause a lot of destruction.*

1. Explain one thing that you learned about hurricanes that surprised you.

*Answers will vary.*

1. Complete the “Create a Hurricane” activity at the end of the website.