**Severe Weather Research Project- DUE MARCH 4th**

You work for a homeowners’ insurance company and have been given the task to inform your customers of the hazards of severe weather events. **You will research one of four types of severe weather: hurricanes, tornadoes, thunderstorms or blizzards and produce an informative booklet to give to customers.** Use the following instructions to guide you in completing your project.

1. Page 1
	1. Include your severe weather title (for example: Tornadoes)
	2. Include your name, class period, and date
	3. Include one graphic, sketch or photo portraying your type of severe weather
	4. Include the definition of your type of severe weather.
2. Page 2
	1. Include the title “Weather Conditions During the Storm”
	2. Name and describe weather conditions that one can expect when your storm occurs.
	3. Include at least 2 graphics, sketches, or photos to help explain
3. Page 3
	1. Include the title “Causes”
	2. Describe the weather conditions necessary for your severe weather to occur.
	3. Include at least 2 graphics, sketches, or photos to help with explanation.
4. Page 4
	1. Include the title “Location and Timing”
	2. Explain where this severe weather is likely to occur in the US. Why does it occur in this location?
	3. Explain during which season this severe weather is likely to occur. Why does it occur during this season?
	4. Include a US map that shows the areas where your severe weather typically occurs.
5. Page 5
	1. Include the title “Safety Precautions”
	2. Include statistics pertaining to the dangers of the storm.
	3. List 5 survival tips (ways to avoid or minimize harm from your severe weather)
6. Page 6
	1. Include the title “Severity of the Storm”
	2. What does it mean when a watch is issued for this type of storm?
	3. What does it mean when a warning is issued for this type of storm?
	4. Explain the system/scale that is used to describe the severity of your storm.
7. Page 7
	1. Include the title of a specific example of your severe weather that occurred in the U.S. (for example: Hurricane Katrina) \*Note- for thunderstorms you can look for famous lightning strikes as well\*
	2. Include the date and location of your specific example.
	3. Include 5 facts about your specific example.
	4. Include at least 2 photos showing your specific example.
8. Page 8
	1. Include the title “Bibliography”
	2. You must use at least three sources to complete this project.
	3. Cite ALL sources you use (for both facts and images) in MLA format. (see bibliography guide for assistance).

**Completed assignments will be assessed according to the rubric below:**

|  |  |  |
| --- | --- | --- |
| **Page/Section** | **Criteria (all criteria are worth 1 point unless otherwise noted)** | **Points Earned** |
| 1 | Severe weather title | Name, Date, Class Period | Image | Definition | \_\_\_\_/4 |
| 2 | Weather Conditions title | Description of weather conditions associated with the storm. (10 points) | 2 Images (2 pts each) | \_\_\_/15 |
| 3 | Causes title | Description of causes (4 points) | 2 Images (2 points each) | \_\_\_/9 |
| 4 | Location and Timing title | Location and explanation (2 points) | Timing and explanation(2 points) | Map(2 points) | \_\_\_/7 |
| 5 | Safety Precautions Title | Statistics of dangers (2 points) | 5 safety tips (1 point each) | \_\_\_/8 |
| 6 | Severity of the Storm Title | Description of storm watch  | Description of storm warning  | Description of system used to rank severity (3 points) | \_\_\_/5 |
| 7 | Historical Event Title | Date and location (2 points) | 5 facts (1 point each) | 2 Images (2 points each) | \_\_\_/12 |
| 8 | Bibliography title | At least 3 citations (3 points) | Cited in proper MLA format (3 points) | \_\_\_/7 |
| Neatness/Attractiveness | Writing is typed or legible and orderly (rulers used) | Nicely colored  | Images are glued neatly. (if applicable) Information is neatly spaced and organized (2 points) | \_\_\_/4 |
| Grammar | Free of spelling errors | Free of grammar and punctuation errors. | Appropriate word choice and style. (2 points) | \_\_\_/4 |
| Rubric points= \_\_\_\_\_\_\_\_\_\_\_\_\_\_/75 Research sheet points=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/10Final Project Grade=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/85 |