

# Weather Project

**You are to research a weather phenomenon such as hurricanes, tornadoes, blizzards, flash floods, droughts, avalanches, ice storms, acid rain, landslides, lightning, dust storms, lake effect snows, water spouts, wind storms, etc.**

**You are to cover the following topics, as they apply to your weather phenomenon.**

- Cause of the phenomenon (What is it? Where in the world it occurs? When it occurs? Why it occurs?
  - Are there different types
- Effects of the weather phenomenon
  - Safety considerations
  - Fun Facts/Stories
- See rubric for further requirements

## **Don't forget!!!**

**Check out the following links to research your weather phenomenon. Be sure to record the website address (URL) of any information you use so that it can be included in your bibliography. Do not forget to use textbooks, encyclopedia, magazines, etc in your research! You may also use other websites as long as they are reliable sources. The actual web addresses are listed first and the direct link is below.**



<http://science.howstuffworks.com/nature/natural-disasters/lightning.htm>

How Stuff Works--Lightning

<http://videos.howstuffworks.com/nasa/2021-hurricane-hunters-video.htm>

How Stuff Works--Hurricanes

<http://videos.howstuffworks.com/nasa/2021-hurricane-hunters-video.htm>

Extreme Weather Sourcebook

<http://www.chaseday.com/hail.htm>

Hail Storms

<http://www.weatherwizkids.com/weather-winter-storms.htm>

Weather Whiz Kids

<http://www.chaseday.com/hail.htm>

Weather Channel

<http://www.srh.noaa.gov/mfl/>

National Weather Service--NOAA

[http://skydiary.com/kids/  
KidStorm](http://skydiary.com/kids/KidStorm)

[http://wildwildweather.com/  
Dan's Wild Wild Weather Page](http://wildwildweather.com/Dan's%20Wild%20Weather%20Page)

## Presentation Options.

- **POWERPOINT...7-10+ slides.** *Must contain appropriate backgrounds and graphics, be grammatically correct, have a title slide and end with a Bibliography slide. References to include but not limited to 3 sources.*
- **RESEARCH REPORT...3 Typed, double spaced pages, in your OWN words.** *Bibliography to follow on last page. References to include but not limited to 3 sources. Handwritten reports should be 6 pages plus bibliography. Demonstrations or visuals CAN be included in presentation.*

**The project is due on \_\_\_\_\_. Please familiarize yourself with the attached rubric. Do not plagiarize (copy word-for-word).**

Severe Weather Project				
	Incomplete 1pts	Poor 2 pts	Good 3pts	Excellent 4pts
<u>Description of Severe Weather Phenomenon</u> *1. What it is? *2. Where it occurs? *3. When it occurs? *4. Why it occurs?	<b>Incomplete/Poor</b> -describes their weather phenomenon briefly with little evidence of research	<b>Poor</b> -describes their weather phenomenon using 2 of the 4 descriptors	<b>Good</b> -adequately describes their weather phenomenon using 3 of the 4 descriptors	<b>Excellent</b> -effectively describes their weather phenomenon using all 4 descriptors
<u>Effects of the Weather Phenomenon</u> *1. On people *2. On the Environment *3. On Animals	<b>Incomplete/Poor</b> -explains only 1 of the three effects of their weather phenomenon	<b>Poor</b> -explains 2 of the 3 effects of their weather phenomenon in detail	<b>Good</b> -explains all 3 of the effects of their weather phenomenon in detail	<b>Excellent</b> -effectively explains all 3 effects of their weather phenomenon in SPECIFIC detail
<u>Safety Procedures</u> 1. Why is it important to be prepared? 2. How are you to be prepared?	<b>Incomplete/Poor</b> -no safety procedures were described using words or illustrations	<b>Poor</b> -some safety procedures (1-2 examples) were described using words or illustrations	<b>Good</b> -some safety procedures (3-4 examples) were described using words or illustrations	<b>Excellent</b> -many safety procedures (5 or more) were described using words and illustrations
<u>Fun Facts/Stories</u> What interesting/unknown facts did you learn?	<b>Incomplete/Poor</b> -no facts were provided about the weather phenomenon OR -no story was provided about the weather phenomenon	<b>Poor</b> -one or two facts were provided about the weather phenomenon OR -one story was provided about the weather phenomenon	<b>Good</b> -three to four facts were provided about the weather phenomenon OR -one or two stories were provided about the weather phenomenon	<b>Excellent</b> -five or more facts were provided about the weather phenomenon OR -three or more stories were provided about the weather phenomenon
<u>Appearance, Punctuation and Grammar</u>	<b>Incomplete/Poor</b> -the completed project was not neatly written and organized, and did not contain any illustrations. There were many grammar and punctuation errors in the project. (5 or more)	<b>Poor</b> -the completed project was neatly written and organized but did not include any illustrations. Project contained 3-4 punctuation and grammatical errors.	<b>Good</b> -the completed project was neatly written, organized and some illustrations were used. Project contained 1-2 punctuation and grammatical errors.	<b>Excellent</b> -The completed project was neatly written, organized and illustrated. There was no punctuation or grammatical errors.

**Grade: Points Earned/Total Possible Points**

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