

Severe Weather Mini-Project

Objective:

You and your partner will create a final project to show your understanding of storms. The major storms include **blizzard, flash flood, hurricane, thunderstorm, and tornado**. Your final product will be one of the following:

- **A brochure - Teach others about storms**
- **A Prezi - Use this presentation tool to show what you know**
- **A movie - Decide how you will use props and not just talk into the camera**
- **Models - Build labeled models of each type of storm**

Information to Include in Brochure:

1. Causes
 - *How and where does the storm form? _____
 - *What conditions are needed for this storm to form? _____
2. Areas
 - *Where in the U.S. are these types of storms most common? _____
3. Facts
 - *What are the three most important things someone should know about the storm? _____
4. Measurement
 - *Is there a scale used to measure the intensity of this storm? _____
 - *How do scientists measure its strength? _____
5. Dangers
 - *What are the dangers someone should expect during the storm? _____
6. Disaster Plans
 - *How does one prepare for or stay safe during the storm? _____
7. One other piece of information that you and your partner choose.
 - *Provide some interesting trivia or information about your storm. _____

Project:

Your project must adequately cover the information above. We will vote for the most creative and most informative projects. Winners will be rewarded. **Be creative and informative.**

Rubric:

Completed research for ALL storms	20 points
Completed project with all 7 pieces of information	60 points
Actively participate with partner and share in work load	10 points
Creativity/Neatness	<u>10 points</u>
	100 points possible

Bonus: (5 points) Create an extension for your project. Some examples include creating a review game, filming a 'storm warning' news report, etc.

Due Date:

Your project is due on Tuesday _____.

(You will have time in class to do research and work on your project but time out of class may be needed.)

Storms Research

Severe Weather	Causes	Areas Affected (U.S. Only)	Facts	Measurement	Dangers	Disaster Plans	Important Info	Important vocabulary
Blizzard								Lake effect snow = Snowdrift =
Flash Flood								Meltwater =
Thunderstorm								Thunder = Lightning =
Hurricane								Storm surge = Eye =
Tornado								Fujita scale = Vortex =

Weather Related Sites

Here are some websites that you might find useful in your search for information.

<http://www.ready.gov/severe-weather> (Federal Emergency Management Agency)

<http://www.wxdude.com/topics.html> (Weather Dude)

<http://www.nws.noaa.gov/om/reachout/kidspage.shtml> (National Oceanic and Atmospheric Administration)

<http://www.ucar.edu/40th/webweather/index.html> (Web Weather)

http://cybersleuth-kids.com/sleuth/Weather/Severe_Weather/ (CyberSleuth)

<http://www.weatherwizkids.com/> (Weather Whiz)

<http://www.scholastic.com/kids/weather/> (Scholastic)

<http://scijinks.nasa.gov/weather-menu> (NASA)

<http://skydiary.com/kids/> (Kidstorm)

http://www.nws.noaa.gov/om/brochures/flood/PDF/Flood_p3.pdf (Flash Floods Only)

<http://www.miamisci.org/hurricane/> (Miami Science Museum - Hurricanes Only)