



Severe Weather Phenomena



Your job: Research your topic and create 2 products: a **quilt patch** and **written product** in a format chosen from the following list: **Board Builder, Poster, Flip Book, Song/Rap, Brochure, Story Book, Comic Strip, Weather Broadcast (Video), Flip Camera (Paper slide presentation).**

Choose your weather phenomenon

-  **Blizzards**
-  **Thunderstorms**
-  **Tornadoes**
-  **Hurricanes/Typhoons**

Quilt Requirements

- ❖ Drawing of topic
- ❖ Brief description
- ❖ Two research based facts

Rubric:

Quilt:

- _____ /15: **Description/facts**
 _____ /10: **Illustration**
 _____ / 5: **Neatness**

Written Product:

- _____ /55: **Answers correct**
 _____ /10: **Grammar**
 _____ / 5: **Neatness**

Research Data

1. Weather phenomenon description
2. Associated weather (e.g. lightning strikes)
3. Time of year phenomenon occurs
4. Geographical location(s) of phenomenon
5. Name the weather tools used to measure the specific properties (e.g. temperature, humidity, wind direction, air pressure, wind speed, precipitation) of your phenomenon **and** commonly seen measurements...
6. Rating Scale for phenomenon
7. Related hazards (e.g. flash flooding)
8. Social impact on humans
9. Identify (at least 3) safety tips or a plan
10. Trivia: (at least 3) costliest, deadliest, greatest damage...

Important Dates:

- Due:** 10/21 **Choose topic**
Due: 11/04 **Quilt patch completed**
Due: 12/05 **Research evidence**
Due: 12/16 **Finished project**

Remember: you have access to the public library outside of school, and to the school media center and computers, during SMART Block.



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To do a fantastic job on this project:

- Unless you are creating bullet points for a brochure, all sentences must be complete and use correct grammar. Why yes, you have to edit your work! Maybe a peer, sibling, or parent will read your project out loud to you.
- You should think about the whole world, not just the U.S. when you research your phenomena. Add this global information to your project. This impacts several of your data points.
- For data point 5, commonly seen measurements refers to recorded temperatures, or precipitation amounts, or barometric pressure readings, or wind speeds, etc. for your weather phenomena. You could look up some averages or gather your own data from a few famous storms. What kinds of trends do you notice?
- There is not always an official rating scale, but there are some unofficial ones you may report about.
- Think about the social impact in our country and in others. How different is recovery in other countries? How is it the same?
- Will your safety tips or safety plan work only here in the U.S., or anywhere in the world?



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