

SEVERE WEATHER Inquiry Project

Weather is the daily state of the atmosphere.
It's what's going on outside right now.

Examples: sunshine, clouds, rain, snow, wind, and storms.

Weather can have a significant impact on us, including our comfort level, food supply, and even our safety. Sometimes weather can be destructive, which is what you will be exploring in this assignment.

#1. Choose one of the weather phenomenons below:

Tornado

Thunderstorm

Drought

Hurricane

Blizzard

Flood

#2. Research your chosen weather phenomenon and answer the questions on the following page.

#3. Present your findings in one of the following ways:

Brochure

Magazine

Children's Picture Book

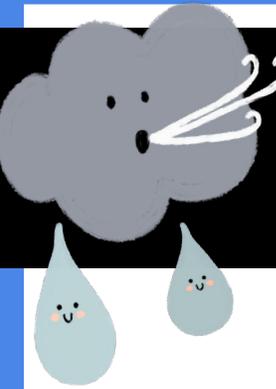
Newspaper

Google Slideshow

Informative Graphic Novel

#4. Make sure to include:

- Accurate information
- Complete sentences (proper capitalization and punctuation)
- Images (photographs, hand-drawn, or clipart)



RESEARCH Questions



Chosen Weather Phenomenon: _____

BASIC INFORMATION

1. What is it? How would you describe it?
2. What causes it and how does it form?
3. Where in the world does this weather phenomenon occur?
(show and label on a world map)

IMPACT

4. How does this weather phenomenon impact people?
5. How does it impact animals?
6. How does it impact the land?

REAL-WORLD EXAMPLES

7. Have you experienced this weather phenomenon firsthand?
If so, what was it like? If not, what do you think it would be like?
8. Provide a short summary of a real life occurrence of this weather phenomenon that has made the news (include the date/year, location, damage, and at least 2 interesting facts).

SURVIVAL GUIDE

9. What do humans need in order to prepare for or survive this weather phenomenon? (e.g. kinds of clothing, shelter, equipment, safety precautions, etc.)
10. What do animals need?

Optional RESOURCES

Here are some websites to get you started, but you may have to do further research in order to fully answer all the questions. Check out these [videos](#) as well.

TORNADO

- https://www.weatherwizkids.com/?page_id=60
- <http://www.weatherforkids.org/tornadoes.html>
- <https://scied.ucar.edu/learning-zone/storms/tornadoes>

HURRICANE

- https://www.weatherwizkids.com/?page_id=58
- <http://www.weatherforkids.org/hurricanes.html>
- <https://scied.ucar.edu/learning-zone/storms/hurricanes>

THUNDERSTORM

- https://www.weatherwizkids.com/?page_id=68
- <http://www.weatherforkids.org/thunderstorms.html>
- <http://www.weatherforkids.org/lightning.html>
- <https://scied.ucar.edu/learning-zone/storms/thunderstorms>

BLIZZARD

- <https://kids.kiddle.co/Blizzard>
- <https://kids.britannica.com/kids/article/blizzard/476228>
- <https://www.factsjustforkids.com/weather-facts/blizzard-facts-for-kids.html>

DROUGHT

- https://www.weatherwizkids.com/?page_id=89
- <https://drought.unl.edu/Education/DroughtforKids.aspx>
- <https://kids.britannica.com/kids/article/drought/399431>

FLOOD

- https://www.weatherwizkids.com/?page_id=66
- <https://kids.nationalgeographic.com/explore/science/flood/>
- <https://kids.kiddle.co/Flood>

