

Weather Broadcasting Project
Due on: Monday, December 16th

Broadcast the severe weather forecast for a certain area. Your group will receive one of the following severe weathers; *tornado, hurricane, thunderstorm, blizzard*. Find out where that weather occurs in the United States and broadcast the weather for that city. Have fun and be creative!! ☺

-Project must be videotaped/recorded -we will watch the videos in class on Wednesday the 18th--Friday, December 20th.

What gets handed in on Monday December 16th: (at the start of class)

- Scripts- hard copy
- ****RECORDING **** submit through email or seesaw
- Self-Evaluated Rubric

****You will have all class period to work on the project with your group Friday, December 6th through Friday, December 13th. Your group may request to work on it during lunch if needed with advanced noticed and permission.**

-You are the meteorologist who will be broadcasting the severe storm to the area you choose.

-Each Broadcast must include:

1. At least 10 lines per person
2. **Details about how your severe weather occurs**
(tornado, hurricane, thunderstorm, or blizzard)
 - *What the severe weather is? (Definition)*
 - *How does it form?*
 - *How do you know how severe the storm is and how will it affect the area?*
3. Explain the type of air pressure, humidity, temperature, precipitation, wind speeds and direction for your city during that severe weather.
4. At least one front type that could be occurring
5. At least one cloud type
6. Safety precautions people living in your city should be taking.

-Must include:

7. A script of the 10 lines or more for each person that will be handed into me. **Script must be typed up and complete sentences.** (All 10 sentences per person must be about science, you can have additional sentences.)
8. A map of the area in the United States where your severe weather occurs.
 - Map must be used during the video**
 - **Map must have weather symbols and fronts to explain where the severe weather is occurring. You must include High and Low pressure areas, at least one station model and at least one front.**
9. Must dress the part: Meteorologist- Dressed nicely, do not wear jeans and a t-shirt
Field Meteorologist – dress for the weather (rain, snow, wind gear)
Reporting Meteorologist – Dressed nicely as well.
Bystander – could wear normal clothing.

***ROLES*:**

- **Two people in a group** – 1.) Meteorologist (at weather station using weather map)
2.) Field Meteorologist (in the weather).

- **Three people in a group** – 1.) Meteorologist (at weather station using weather map)
2.) Field Meteorologist (in the weather).
3.) Reporting Meteorologist (weather station, reporting outcomes)
 - Must include information in box above, plus information about the weather outcomes around the area. (example; “so far there has been 5 inches of snow in some parts of our region but we are expecting plenty more snow to come)

 - Must include at least ONE example comparing your storm to a severe storm in history.

- **Four people in a group** – 1.) Meteorologist (at weather station using weather map)
2.) Field Meteorologist (in the weather).
3.) Reporting Meteorologist (weather station, reporting outcomes)
4.) Bystander (in the weather talking to field meteorologist)
 - Must include information in box above, plus information about the weather outcomes around the area. (example; “so far there has been 5 inches of snow in some parts of our region but we are expecting plenty more snow to come)

 - Must include at least ONE example comparing your storm to a severe storm in history.

 - The bystander must talk about what damage and what they have seen at their home. (If they have damage, no power, had to evacuate, ect.)

Have fun and be creative!

USE THE RUBRIC AND A CHECK LIST TO
MAKE SURE YOUR GROUP HAS
COMPLETED EVERYTHING NEEDED FOR
THE PROJECT!

Grading Rubric

Air pressure information	_____ / 5	Safety Precautions	_____ / 5
Humidity information	_____ / 5	10 lines per person	_____ / 5
Temperature information	_____ / 5	Dressed up/ Costume	_____ / 5
Precipitation type and information	_____ / 5	Video presentation (presented neatly, took time to make it look good, not laughing throughout project) - Turned in on time in correct format	_____ / 10
Wind speed and direction information	_____ / 5	Map with correct symbols. (H and L's, station models, fronts)	_____ / 10
Front Type	_____ / 5	Details about your weather type. Explain how your severe weather type actually occurs and forms. Give details to explain. <i>** (Groups of 3 or 4 must also include outcomes to their weather one example from history, and damage from bystander)**</i>	_____ / 20
Cloud Type	_____ / 5	- Group worked well together and used class time efficiently/appropriately. Student handed in self-evaluated rubric	_____ / 10
Total Grade _____ / 100			

