

Severe Weather Public Service Announcement

Goal: create an informative presentation about a specific type of severe weather event that would be used to inform the general public (your family, other friends, a random person).

Your group will:

- A. work together to find the required information
- B. assemble a slideshow using google slides (Canva and PowerPoint also allowed) and
- C. present the slideshow to the class

Required Information:

- A definition/description of the assigned severe weather event with an image showing this event
- A scientific description of what causes the severe weather event to occur or form. This can include but is not limited to: air movement and pressure; energy transfer; water cycle activity; temperature differences; and other atmospheric conditions.
- Any important names of physical features or stages of development for that severe weather event.
- Any category/ranking system that has been developed for describing the severity of the weather event.
- A description or map of the types of places/climates that are most affected by the weather event.
- A timeframe for what months/seasons this weather event is most common in.
- A historical example of this weather event, including thorough information such as where it occurred and how much damage it caused.
- A protocol for what people should do to prepare for, *and* stay safe during, this weather event. This should include but is not limited to: where you should go/stay; equipment you may need; and how to protect personal property.
- Any information about how meteorologists warn the public about these events and what they do to track/predict their impact.

- A catchy slogan with a supporting graphic that someone could remember to be prepared for or avoid causing the severe weather event. It must be original (not something I can find online) and school appropriate!
- A bibliography with at least four sources using ACS format
 - Websites: Author, X (if any). Title of Site. URL (accessed Month Day, Year)
 - Book: Author 1; Author 2; etc. *Title of Book*, Edition Number; Series Information If Applicable; Publisher, Year.

Presentation Requirements:

- Every person in the group MUST speak during the presentation. There should be an even spread of who discusses what topics.
- You should UNDERSTAND what you present. I don't expect the most perfect wording with no stuttering, but I DO expect you to be able to describe the info on your slide in your own words. *If it looks like you don't know what you're talking about, I reserve the right to ask you follow up or clarification questions.*
- Slides should be neat and organized. I shouldn't have to zoom in to read something and it shouldn't be too wordy. All parts should be school appropriate.
- Do not use A.I. for any assistance on wording, images, or any other part of the presentation. You have multiple days and multiple group members; if I wanted A.I. presentations, I'd go to Gemini myself and not ask you to do it.
- Try to find creative ways to make it engaging. Be creative with graphics, theming, activities, and/or how you present it. You may receive an extra point for this, subject to teacher's discretion

Weather Events (I will assign the groups to their event):

Hurricane	Tornado	Wildfire	Drought	Thunderstorm	Heat Wave	Sinkholes
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On the next page is the grading rubric that will be used for all teams. Rubric items that are split by team member are individual points to that person's grade. Rubric items that span all team members are uniform points that are part of the whole team's grade.

Grading Rubric

3 points – Preparation days were used well and work was done				
11 points – All Required Information Bullets are addressed with sufficient detail				
2 Points – Slideshow was well made and organized				
2 Points – Team member spoke in the presentation				
2 Points- Team member felt prepared and understood what they spoke about				
Extra Point – Significant creative element was incorporated				