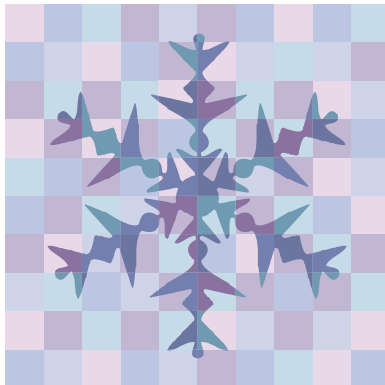


Bad Things Happen: Teaching about Hazardous Weather

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Memories

- What is your earliest weather memory?
- What is your most memorable weather experience?

We are all affected by the weather, especially hazardous conditions.

So what are some effective ways to teach about it?

Hazardous Weather is Everywhere!

- Thunderstorms, Lightning Strikes, Hail
- Winter Storms and Blizzards
- Lake Effect Snows
- Tornadoes
- Flash Floods
- Heat Waves and Droughts
- Wildfires
- Hurricanes and Nor'Easters
- Severe local weather conditions
(e.g.: chinooks, temperature inversions)

Impacts of Hazardous Weather

- Dangers to people and animals
 - immediate injuries and deaths
 - long-term health damage
- Dangers to property and services
- Economic impact from lost work/learning time

U.S. 2015 Billion-Dollar Weather and Climate Disasters



This map denotes the approximate location for each of the ten billion-dollar weather and climate disasters that impacted the United States during 2015.



Before you take any action, you need to know it's time to take action!

- From where do you get your weather information? How timely and accurate?
- Looking out your window?
- TV and radio weather?
- NOAA Weather Radio and other notification networks?

Necessity for Emergency Plans

- Family planning
- Community services
- School response planning

How well could your school system handle hazardous weather conditions?

“Be a Force of Nature”

<http://www.nws.noaa.gov/com/weatherreadynation/force.html#>

NWS Education Resources

- “Learn Science and Safety with Owlle Skywarn”

<http://www.weather.gov/owlle/>

- “Weather-Ready Nation”

<http://www.nws.noaa.gov/com/weatherreadynation/force.html>

AMS Educational Resources

- American Meteorological Society
Education Program
www.ametsoc.org/amsedu
- [DataStreme Atmosphere](#)
- Project Atmosphere – Summer Teacher Professional Development at the NWS Training Center, Kansas City, MO

Bad Things Happen – Teaching about Hazardous Weather

- The lesson you teach may save lives!
- The information and inspiration you provide now form the basis for future advances in emergency services planning.
- Any questions? Need more information?

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