**SEVERE WEATHER WEB QUEST**

Have you ever wondered what severe weather is, or what makes severe weather different than regular weather? Well, through this WebQuest you will be able to know the difference between severe and regular weather. You will also be able to list some examples of severe weather and the impact they have on our world.

To begin click ON THIS LINK <https://www.youtube.com/watch?v=QVZExLO0MWA> and watch the overview video on severe weather.

After watching, you will COMPLETE the questions that go along with each severe weather type.

The information you find will be used to create a Power Point presentation on severe weather.

TORNADO: LINK: <https://www.ducksters.com/science/earth_science/tornadoes.php>

1. What states make up the tornado alley, according to the map?
2. What is the difference between a tornado warning and tornado watch?
3. How is a tornado categorized? Give the scale.
4. What is a Gustnado tornado?
5. What are the basic steps when a tornado form?
6. List characteristics of a tornado and any additional information you’d like to put in your presentation.

BLIZZARD: LINK <https://eo.ucar.edu/kids/dangerwx/blizzard3.htm>

1. What are the 3 things needed for a blizzard to form?
2. What are snowflakes?
3. How are snowflakes formed?
4. What is Graupel?
5. Add any other information you may want for your presentation

HURRICANE: LINK <https://www.ducksters.com/science/earth_science/hurricanes.php>

1. What is a hurricane and what are other names it’s called?
2. What are the 5 parts of a hurricane? Describe.
3. Between what dates is it hurricane season?
4. How are hurricanes classified? Give the scale.
5. Why are they dangerous?
6. List any other information you’d like to include in your presentation

FLOOD LINK: <http://www.weatherwizkids.com/weather-rain.htm>

1. What is rain?
2. How big are raindrops and how fast do they fall?
3. Explain difference between a flash flood and flood.
4. What safety measures would you take before a flood?
5. What percent of flash flood deaths are auto related?
6. Add any other information you want to include for your presentation.

DROUGHT LINK: <http://www.weatherwizkids.com/?page_id=89>

1. What is a drought?
2. Give 2 causes of a drought.
3. True or false: scientists can predict if a drought will happen. Why?
4. How does a drought affect our lives?
5. What can we do if we are in a drought?
6. List any other information you want for your presentation.

**BE PREPARED**

<https://www.redcross.org/get-help/how-to-prepare-for-emergencies.html>

<https://www.ready.gov/plan>

Use the links above and the links provide in the questions to complete the questions below:

1. Make a plan today. Your family may not be together if a disaster strikes, so it is important to know which [types of disasters](http://www.ready.gov/be-informed) could affect your area. What are the types of disasters that could affect your area?

Based on the type of disasters that could affect your area answer the following:

1. How will I receive [emergency alerts and warnings](http://www.ready.gov/alerts)?
2. What is my [shelter](http://www.ready.gov/shelter) plan?
3. What is my [evacuation](http://www.ready.gov/evacuation) route?
4. What is my [family/household communication plan](https://www.ready.gov/sites/default/files/2020-03/create-your-family-emergency-communication-plan.pdf)?
5. Do I need to update my [emergency preparedness kit](https://www.ready.gov/kit)? What should I have?
6. Check with the [Centers for Disease Control (CDC)](https://www.cdc.gov/coronavirus/2019-ncov/index.html) and update my emergency plans due to Coronavirus.