

Severe Weather

Facts about Thunderstorms!

***** thunderstorm - a storm with thunder and lightning and usually heavy rain**

- 1) A thunderstorm is created when _____
_____.
- 2) Thunderstorms can have _____, _____,
_____, and _____.
- 3) _____ is made of electricity.

***** lightning - a bright flash of electricity produced by a thunderstorm**

- 4) _____ is the sound caused by lightning.

***** thunder - a loud rumbling or crashing noise heard after a lightning flash**

- 5) Thunderstorms can also create _____.
- 6) **Design Solution:** _____

Facts about Tornadoes!

***** tornado - a powerful storm with rotating winds that forms over land**

- 1) A tornado is often the shape of a _____.
- 2) Tornadoes form _____.
- 3) Tornadoes are sometimes called _____.
- 4) Tornadoes can have winds of over _____.
- 5) Most tornadoes that happen in the United States occur in Tornado Alley, which includes

_____.
- 6) A tornado rated an _____ on the Enhanced Fujita Scale causes the most damage.

***** Enhanced Fujita Scale (EF Scale) - a scale that measures the strength of tornadoes**

Design Solution: _____

Facts about Hurricanes!

***** hurricane - a large ocean storm with strong rotating winds and heavy rain**

- 1) Hurricanes form from a _____

- 2) Hurricanes can bring _____,
_____, and a _____.

***** storm surge - the rise in seawater level caused by a storm, causing severe flooding**

- 3) A storm surge happens because the high winds force the seawater toward the shore, causing _____.
- 4) Hurricanes are huge and can be more than _____ wide.

***** eye - the center of a hurricane that the winds rotate around**

- 5) The eye of a hurricane is usually _____.
- 6) Hurricanes are named to help meteorologists _____ and _____ them across the ocean.

Design Solution: _____ and _____

Facts about Floods!

***** flood - a rising and overflowing of a body of water especially onto dry land**

- 1) Floods occur after _____

- 2) _____ also cause flooding.
- 3) The ground can only hold so much water. When the ground gets full of water, it has nowhere to go so it stays _____.
- 4) After extreme and sudden rainfall, a _____ might happen.

***** flash flood - sudden flooding that happens when water rises rapidly with no warning within several hours of an intense rain**

- 5) The most common type of flood is when a _____ overflows.

Design Solution: _____ and _____

Facts about Blizzards!

***** blizzard - a long-lasting snowstorm with very strong winds and intense snowfall**

- 1) A blizzard is a storm that has _____, _____, and _____.
- 2) In order for it to be a blizzard, the wind has to blow more than _____ miles per hour.
- 3) Blizzards last for more than _____ hours.
- 4) Blizzards can cause a _____ from the blowing snow, which makes it difficult to see.

***** whiteout - a weather condition when the ability to see is decreased because of snow**

Design Solution: _____

Facts about Droughts!

***** drought - a long period of time of little or no rain**

- 1) A drought is when an area gets far less _____ than it usually does.
- 2) Many plants and animals _____ or _____ because there is not enough water to survive.
- 3) If a drought continues for a long time it can cause a _____.

***** famine - a severe shortage of food**

- 4) Droughts can cause _____ or _____.