

Tornado Twisting Adventure

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WebQuest Description: In this webquest students will learn about tornadoes and what makes them so interesting.

Grade Level: 3-5

Curriculum: Science

Keywords:

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Introduction

It is the start of Tornado season in much of the country. Tornadoes can happen anywhere in the United States and actually they can happen any time of the year, especially in "tornado alley". Many tornadoes that are reported are smaller and considered weak, however the largest most powerful tornadoes can swipe out a town or community in a matter of minutes. Have any of ever seen or experienced a tornado? If you have you know that they are fierce beast with a mind of their own, nothing will stop them if it gets in their path. During this week you will have the opportunity to study and learn more about what makes tornadoes so intriguing.

Tasks

Your first task is going to be to visit the first website listed below. Take a look at this map and study it. Next, you need to open up the second website. On this site you need to look at and read about the 10 Deadliest Tornadoes. Using your blank map sheet that you were given, you need to mark these locations on your map. Once you have marked the locations on your map, you need to take your tornado reflection packet and reflect and compare what you know about these tornadoes and the map you looked at. Make comparisons and see if you can find any patterns.

Process

The next process will be to as a group use the websites below to answer the following questions in your reflections of tornadoes packet.

What causes tornadoes to form?

What is the Fujita scale? How does it rate a tornado?

What makes tornadoes so hard to predict? Is this a problem?

In the past 10 years how much damage and how many lives have been taken from tornadoes?

What types of methods of research are being used today to help us better understand tornadoes?

Evaluation

You and your partner are a news crew and you are heading out to cover a tornado that has just struck the town of Lemmon, SD. You need to determine what the tornado was on the scale (needs to be a F3 or higher). You need to report on specific damage that was done. How the town from adults to children are going to cope with the tragedy. You also need to do an analysis of how the situation of might have been different if the people of Lemmon had had enough time to prepare for the tornado.

You need to use the digital cameras and record your teams report. You then need to import it into movie maker and make adjustments as needed. You will present your report to the class.

Category and Score					Score

Category and Score					Score
				Total Score	

Conclusion

Below are some videos of some tornadoes for you to watch and observe.

Teacher Page

Teachers, I hope you find this webquest useful to your students. All of the resources needed are attached at the bottom of the pages. If you have any questions you can reach me through my blog:
www.cowgirlteacher.blogspot.com

Reviews

Footer

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