



THIS IS AN EXAMPLE OF A LESSON PLAN USING JUSTIN.TV THAT COULD BE USED TO TEACH A 6TH GRADE CLASS.

GEOGRAPHY: TRACKING TORNADOES

Overview	In this lesson the students will learn about the fujita scale. The students will discuss where the worst tornadoes occurred. They will also discuss what elements are needed to form a tornado. This lesson will be taught using a power point slide show being streamed live over justin.tv
Objective	<p>Students will :</p> <ul style="list-style-type: none"> • Learn how tornadoes are ranked by fujita scale • Learn in where the majority of tornadoes occur and why • Learn about the ten worst tornadoes in U.S. history • Color outline maps of the united states pinpointing the ten worst tornadoes • Look at photographs and/or video clips of real tornadoes; • Write a few paragraphs about where tornadoes form and how they are ranked.
Learning Environment	Learning environment will be in a computer lab or a class room with several computers. These computers will need to have access to the internet so that the lesson can be taught through live TV.
ISTE/NETS Students	Students will have a basic knowledge of tornadoes. They will know where tornado alley is and how tornadoes form. Students have been studying tornadoes and have already learned about what scientists are doing to study tornadoes
Standards	<ol style="list-style-type: none"> 1. Facilitate and inspire student learning and creativity 2. Design and develop digital-age learning experiences and assessment 3. Model digital-age work and learning 4. Promote and model digital citizenship and responsibility 5. Engage in professional growth and leadership
Materials	<p>Paper and pencil Computer with internet access Map of united states</p>

Procedure	Start the prepared slide show, do a brief overview of how tornadoes form and where they form. Show a picture of the world tornadoes with an outline of the agricultural areas. Next show them a list of the worst tornadoes in U.S. history.
Application	Have the students discuss in small groups: <ul style="list-style-type: none"> • How do tornadoes form and die out? • How does the fujita scale categorize tornadoes and the damage they cause? • Why are tornadoes so difficult to predict? Why is this a problem? • What methods are research scientists using to learn more about tornadoes? • What are the damages caused by tornadoes in the u.s. in the last five years, in terms of dollar amounts and in human lives? • What does the government do to help residents of communities hit by severe tornadoes?
Evaluation	The students will each be writing a 4 paragraph (8 sentences each) paper describing how tornadoes form, where tornadoes occur, and how the tornadoes are ranked. They will also write about the ten worst tornadoes in U.S. History.
Resources	http://www.nationalgeographic.com/xpeditions/lessons/15/q68/tornadotrack.html