

## Natural Disaster Project– DUE May 16!

This project will be done in groups of three or four. Each group is responsible for researching an individual type of natural disaster, taking a stance on the human impact and sharing information with the public.



**ESSENTIAL QUESTION:** How do natural disasters impact the environment?

**CONTENT QUESTIONS:**

- How is this natural disaster caused? What type of environment is optimal in order for this disaster to grow and thrive? How does this disaster function?
- When, where and how often does this disaster occur?
- When has this disaster caused the most damage in U.S history? (Describe using both primary and secondary sources.)
- How do people respond in order to best provide help to themselves and others? What can people do before, during and after the event?
- Can a future disaster be prevented? If so, how? If not, how can individuals or groups prevent mass destruction and injury in the event of a disaster?
- Does human interaction with the planet contribute to the frequency and/or severity of this disaster? If so, how? And how can we lessen the impact caused by humans? **THIS WILL BE THE MAIN FOCUS OF YOUR PROJECT!**

**This project will consist of two parts:**

**PART 1:** Each group will write a research paper (1-2 pages) that answers the questions above. In addition to the paper, a complete bibliography (3+ sources) must be included. Evidence of both members' contributions must be shown in the paper, indicated by completion of a group contract and footnotes (instructions to follow).

- **PART 2:** Using the paper as a foundation for a script, each group will create a 2-3 minute documentary (using Animoto) that summarizes information from their research paper. The documentary must educate others about the dangers of this natural disaster, as well as how to best prepare and recover from such an event. Each PSA may include photos or video clips showing the following:
  - Actual disaster footage
  - Related damage or effects
  - Victims and their response to the disaster
  - Examples of human impact
  - News clips that cover the disaster
  - Text or audio narration
  - Background music

<u>PROJECT CHOICES</u>			
Earthquake	Hurricane	Tornado	Tsunami
Flash flood	Volcano	Drought	Sandstorm
Blizzard	Landslide	Wildfire	

Useful sites for your research may include:

- [ESA - Kids - Natural disasters - Highlights](#)
- [FEMA For Kids: The Disaster Area](#)
- [NGDC-Natural Hazards Databases at NGDC](#)
- [Earth Observatory](#)
- [Natural Disasters Information, Natural Disasters Facts, Extreme Weather Videos - National Geographic](#)
- [Hurricane and Natural Disaster Brochure](#)
- [Natural Disasters: Destructive Forces of Nature](#)
- [The Disaster Spot: Welcome](#)
- [NWS Norman, Oklahoma - Severe Weather Safety Guide](#)
- [BrainPOP | Science | Learn about Natural Disasters](#)
- [Natural Disasters - Kids ScienBBC: Natural Disasters](#)
- [Disasters.com](#)
- [Earth Alert](#)
- [Earth Observatory: Natural Hazards](#)
- [Earthquake vs. Volcano](#)
- [ESA Kids Earth](#)
- [FEMA for Kids: Natural Disasters](#)
- [Forces of Nature](#)
- [Hurricane and Natural Disaster Brochure](#)
- [KidsClick: Natural Disasters](#)
- [National Weather Service](#)
- [Natural Disasters of Hawaii](#)
- [Natural Disasters: Destructive Forces of Nature](#)
- [National Geographic: Natural Disasters](#)
- [Natural Disaster Reference Database](#)
- [Natural Disasters](#)
- [Natural Disasters Websites](#)
- [Online Disaster Quiz](#)
- [Severe Weather Safety Guide](#)
- [USA Today: Natural Disaster Safety Tips](#)
- [Wikipedia: Natural Disasters](#)
- [National Geographic: Natural Disasters](#)
- [ce Videos and Lessons that Make Learning Fun and Easy](#)
- [FEMA: Are You Ready?](#)
- [Scholastic.com | Online Activities: Weather Watch](#)
- [Natural Disasters](#)
- [Weather Wiz Kids weather information for kids](#)
- [Weather Education and Weather Activities for the Classroom](#)
- [Centers for Disease Control and Prevention](#)
- [Pacific Disaster Center](#)