

Tsunami Webpage Project

Spring 2016

Mr. Mesler's ESS Class

<http://mesler.weebly.com/tsunami-webpage-project.html>

Task:

Your job is to report on what happened as a result of either the 2004 Sumatra tsunami or the 2011 Japanese tsunami. You will create a website to publish your findings. Remember that you cannot pass other people's ideas/creations/writings/information as your own. Please make sure to give credit to all those resources helped you create your website.

Process:

Step 1: Division of Labor (Research Phase)

First, begin by dividing the labor.

In a team of two, Partner #1 will research the cause of earthquakes and how the Asian Tsunami of 2004 ravaged the coasts of many Indonesian islands, Thailand and India. While partner #2 will research underwater disturbances and how they cause tsunamis (make sure you explain what a tsunami is) as well as the effects of the 2011 tsunami off of the coast of Japan. Go to my website (address is at the top of the page) for a list of resources to help you answer the questions for Step 2.

If you have three members in your team, partner #1 will research the causes of underwater earthquakes and other underwater disturbances that lead to tsunamis. Partner #2 will research the Asian Tsunami of 2004. Partner #3 will research the Japanese Tsunami of 2011. Go to my website (address is at the top of the page) for a list of resources to help you answer the questions for Step 2.

If you are on a team of four, partner #1 will research the causes of earthquakes. Partner #2 will research underwater disturbances and how they cause tsunamis. Partner #3 will research the Asian Tsunami of 2004. Partner #4 will research the Japanese Tsunami of 2011. Go to my website (address is at the top of the page) for a list of resources to help you answer the questions for Step 2.

Step 2: Research

Next, answer the following questions while researching:

- What causes earthquakes?
- What is a tsunami?
- What causes underwater earthquakes and/or volcanoes?
- How does an underwater earthquake cause a tsunami?
- How can an underwater *volcano* cause a tsunami?
- What are some other causes of tsunamis?
- When and where did the Sumatra tsunami start? (Or Japanese)
- What coasts did the tsunami waves hit? Which coasts were hit the hardest?
- What happened when the waves started hitting the coasts?
- What will happen now that the waves stopped ravaging the coasts? (i.e. when the water recedes)
- What other complications happened because of the tsunami?

Step 3: Division of Labor (Website Building Phase)

Decide who is going to do what part of the website. Each member is required to at least one of the pages in the website. We are going to be using Weebly to make our websites. I do not mind you using another website builder. I just choose Weebly because it's free and relatively simple to use. If you are not using Weebly, then you need to come to me and get your application approved a head of time.

Step 4: Building the Website

The following are required for your website:

- Home Page
- Citation Page
 - You must have links on your citation page to the original documents, articles, websites, blogs, and etc. Just so that we are clear, I'm looking for links to the original works where you found your information.
- Information Page

Your information page can be divided into several pages or you can have all of your information on one page. If you need a fourth page then you should divide the information page into different pages.

Step 5: Rough Draft

Submit a rough draft of your website in order to get feedback to help finalize the website. (This is good time for you guys to get a sense of what I'm going to be looking for when I grade your projects)

Step 6: Final Product

Use the feedback from your teacher along with the grading rubric to help you finalize the look of your website as well as the content within the website.

Conclusion:

Thank you for reporting on this horrible tragedy. Now others can learn what happened in 2004 and 2011 at the same time learn a little about tsunamis. By learning about the awesome force of nature and seeing what can happen to people we learn respect for nature and for those affected by nature. By the end of this project the expectation is that each member of your group now understands how tsunamis are created and the destruction that be caused by them. I personally hope each of you walk away from this project with a healthy respect for the power of a tsunami.

Evaluation:**Rubric:** I will be using the following rubric to score your final product.

Category	Excellent	Good	Satisfactory	Needs Improvement
Content	16	12	8	4
Learning of Material	16	12	8	4
Link (content)	12	9	6	3
Graphics	12	9	6	3
Layout	12	9	6	3
Navigation	12	9	6	3
Work Ethic	12	9	6	3
Cooperative Work	12	9	6	3
Color Choices	4	3	2	1
Background	4	3	2	1
Fonts	4	3	2	1
Interest	6	4	2	1
Copyright	4	3	2	1
Contact Information	4	3	2	1
Spelling and Grammar	4	3	2	1

Total Points Possible = 134	Your score is _____
------------------------------------	----------------------------

Scoring Scale											
134	128	121	120	114	108	107	100	94	93	87	81
Excellent A			Good B			Satisfactory C			Needs Improvement D		