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| **Goal** | To create a **video documentary** OR **news cast** by effectively **researching sources** to find out more about a natural hazard |
| **Role** | * Researcher * Filmmaker/Newscaster/Actor |
| **Audience** | Teacher |
| **Situation** | You have been asked to create a news broadcast or documentary about a specific natural hazard that has become a disaster. See the disaster choices below. |
| **Product** | * Documentary film or newscast (Criteria A) * Research (Criteria B) |
| **Specifics** | 1. **Key Vocabulary for the Presentation - (Read Rubric)**   **Cause and Consequence, global, fairness, development, systems,  natural hazard, natural disaster**  **predict, prepare, emergency response (local, governmental, global), disaster relief, innovation, environmental impacts, social impacts, economic impacts, government aid, foreign aid, population, volunteer, intervention, aftermath, management**   1. [**Link to Online Resources**](https://collections.follettsoftware.com/collection/5e786e772649d10012651c6e?h=990deca01dca7e1ce9d949d2e5321fa11dd715a8318f6c68c0dd978019360038) 2. **Criteria:**   **I &S** - A: Knowledge and Understanding.     B: Investigating **Science:**   D: Reflecting on the Impacts of Science   1. **Disaster Choices**  |  |  | | --- | --- | | **Earthquake:**  Haiti: Earthquake: January 12, 2010  China, Sichuan province: Earthquake: May 12, 2008  Nepal: Earthquake 2015 | **Hurricanes:**  Philippines: Typhoon Haiyan: November 8,2013  Myanmar: Cyclone Nargis: May 2, 2008  United States: Hurricane Katrina 2005 | | **Tsunami:**  Japan: Tsunami/Earthquake: March 11, 2011  Indian Ocean (Indonesia, Sri Lanka, Thailand): Tsunami 2004 | **Tornadoes:**  United States: Oklahoma Tornado: May 20, 2013  China: Tornado 2016 | |

**You have an option to work individually or in groups of up to 4. (You can choose to work with anyone in grade 7 - but choose wisely as this will be a group grade and you cannot change your mind and work individually when the project is underway.)**

**Important Dates (to keep you organized and on schedule):**

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| **Step 1: Choose a natural disaster and select group or decide if you’re working individually** | **Week March 29th- April 2nd** |
| **Step 2: Research** | **Completed by Sunday April 12th** |
| **Step 3: Write the script** | **Week April 12th-April 16th** |
| **Step 5: Record and Edit the movie** | **Week of April 19-April 23rd** |
| **Step 6: SUBMIT THE Movie** | **Due Sunday April 26th** |

**Task 1: Action Plan and research:  - Criteria B - Group or Individual**

**Our research question:**

**Explain how (insert your chosen disaster) was caused and how its impact resulted in it becoming a natural disaster.**

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| **Explain the relevance of your research question in relation to the statement of inquiry:** |
| **Causality (CAUSE and CONSEQUENCES): Our question links to causality because…..**  **Global Interactions: Our question links to global interactions because…..** |

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| Question 1: Explain how (write your topic) was caused and how its impact resulted in it becoming a natural disaster? |
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| **Citation in MLA (1):**  **Citation in MLA (2):** |
| **Sub Question 2:** What preventative community preparation and innovations were used before the natural disaster occurred? |
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| **Citation in MLA (1):**  **Citation in MLA (2):** |
| **Sub Question 3:** Using **case studies** explain, in detail, the impacts of your natural disaster.    (“**Case** studies are based on an in-depth investigation of a single individual, group or event to explore the causes”) |
|  |
| **Citation in MLA (1):**  **Citation in MLA (2):** |
| **Sub Question 4:** How did the country’s government(s), companies, non-profit organizations, and people intervene and manage the aftermath of the disaster? |
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| **Citation in MLA (1):**  **Citation in MLA (2):** |
| **Sub Question 5:** What were the Global Interactions to those impacted by the \_\_\_\_\_\_\_\_\_\_\_\_\_  (erase and write your topic)? Which countries and international organizations supported and contributed? In detail explain how they supported those impacted? |
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| **Citation in MLA (1):**  **Citation in MLA (2):** |
| **Sub Question 6:** Describe some of the possible implications of investing too heavily into scientific innovations to avoid natural disaster?(What does that mean for the economy, infrastructure, education, health care, etc.) |
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| **Citation in MLA (1):**  **Citation in MLA (2):** |

**Task 2: Video Presentation - Criteria A - INS and Criteria D - Science  (Group or Individual**

**Pick one of the options:**

**Option 1:** Individually using the research gathered you will create a video documentary of the disaster. [Example video](https://www.youtube.com/watch?v=p0dQmjSLSgY)

**Option 2:** Individually with family members you can create a news report. See example video link below.

**Option 3:** In groups with other students you can create a news report.  [Example video](https://drive.google.com/drive/u/0/folders/1E9bRMgxl31NMYtkVvIBOlD2RN8JtWA61) (you will do yours by distance - editing together each person’s part - or recording an interview using a Zoom call or Google Hangout)

**Requirements for Presentation**

**Option 1:** Individual - Documentary resources [link](https://docs.google.com/document/d/11YsLK3eSfbkDf6eWGRTdPiYxDeqN06-Drrk4IKScEv8/edit?usp=sharing)

**Option 2 or 3**: Newscast resources [link](https://docs.google.com/document/d/1nZnzBWHX1ArZloWY4-kwZDlwgPPKftfoQ47AJl7r4lo/edit?usp=sharing) (You will need to make a copy of script to edit)