

Ebola Containment Plan Project

Situation:

Ebola has broken out in Sierra Leone, Africa, where at least 500 people have been infected with the deadly virus. Somehow, the disease has spread to your country (_____). You are a specially recruited team of researchers and epidemiologists who have been brought together to determine how the epidemic started in your country and how to stop it before it claims the lives of any more innocent citizens of _____.

Individual Assignments:

Each group member will choose a role on your country's epidemiology team, complete individual research, and report back to the group. Individual research assignments will be **three paragraphs**, and **cite at least 3 sources**.

Background Historian

- **Research:** real Ebola outbreaks and how they spread in the past, how the virus spread from the first victim to other victims in other places
- **Individual Assignment:** Create a fictional narrative that explains how the disease spread to your country from Sierra Leone, using facts from your research about how Ebola has spread in the past.

Medical Resource Specialist

- **Research:** The medical resources and health care system available in your country. This includes the medical facilities that exist in your country, patient care, and how well trained and effective doctors and health workers are in your country.
- **Individual Assignment:** Create a fact-based report on how patients are being treated in this imaginary outbreak, the number and total cost of healthcare facilities and staffing needed, and what medical facilities are doing to stop the disease from spreading. Also, address if any additional medical resources are needed.

Social and Cultural Specialist

- **Research:** the social customs, traditions, and culture of your country.
- **Individual Assignment:** Create a research-based report on your country's society, and how it could be impacted by and possibly help to spread the virus.

Economist

- **Research:** The economics of your country, and the impact of an epidemic on your country's economic system. This includes goods and services produced within the country, the travel and tourist industry, and international imports and exports.
- **Individual Assignment:** research-based report on your country's economic system and how it could be impacted by this epidemic.

International Relations Specialist

- **Research:** relations between your country and the neighboring countries that share a border (and so potentially Ebola victims), as well as the relations your country has with the rest of the world.
- **Individual Assignment:** research-based proposal to the neighboring countries about how you will be handling border security, as well as a request to the international community for help.

Group Strategic Plan:

In addition to the above individual assignments, your group will review your research together and create a strategic plan for stopping this epidemic. To do this, you will:

- Determine all three sides of the Epidemiologic triangle in your country's epidemic
- Identify the side of the triangle that will be broken
- Develop a step-by-step plan (based on the team's research) to end the epidemic.

This plan will be presented in a 1-2 minute speech to the international community (the class) and a PSA directed to the citizens of your country.

Presentations will be on: _____. All individual assignments will be due on this day as well.

Grading:

Planning Process (20 points)

- ___/5 Group roles (worksheet)
- ___/5 Individual research (worksheets)
- ___/5 Individual report planning (worksheets)
- ___/5 Strategic Plan (worksheet)

Speech (20 points)

- ___/5 Reasoning behind plan
- ___/5 Steps and potential challenges are explained
- ___/5 Necessary resources are requested
- ___/5 Goal is explained

PSA (20 points)

- ___/10 Factual information about the epidemic and tips/advice to the public
- ___/10 Artistry

Individual Reports (30 points)

- ___/10 3 research sources cited
- ___/10 Follows specific instructions for role
- ___/10 MLA format