

# Infectious Diseases Interdisciplinary Project

## History Requirements

**PROJECT OVERVIEW:** Your task is to research and write a historical fiction about an infectious disease that had a widespread impact. You or someone you know has been personally affected by the disease. You are journaling your experiences and your observations of the disease's impact on society. You are documenting the economic, social, political, and environmental effects of the disease during a time period in which the disease became an epidemic. You will create an ESPN chart, map, timeline, and journal entries to document your experience for future historians.

**HISTORY TASK:** For the chosen disease, you will:

- (1) **research** the historical impacts of the disease from reliable resources and
- (2) **organize** research into an ESPN chart to show the disease's **economic, social, political, and environmental** implications.
- (3) **sequence** the epidemics throughout history by creating a timeline and
- (4) **map** the outbreaks of the disease over time using the world map template provided. *[Vanguard only]*

### Historical Information (ESPN chart):

- Economic: How did the disease impact jobs, availability of resources, industries, and trade?
- Social: How did the disease impact personal interactions, the greater society, and culture?
- Political: How did the disease impact government actions, laws, and health budgets?
- environmental: How did the disease impact physical and human characteristics of the affected areas?
- ESPN charts must be typed and written in paragraph format. Each section must have a minimum of ONE paragraph (at least 5 sentences).

### Timeline Requirements (you must have at least 5 events):

[http://www.readwritethink.org/files/resources/interactives/timeline\\_2/](http://www.readwritethink.org/files/resources/interactives/timeline_2/)

- Timeline must be appropriately spaced
- Each event must have year, location (must match your map), description, and image
- Include first outbreak of the disease
- Include date of first diagnosis
- Include epidemic years (range)
- Include development of vaccination(s) OR medical treatments related to the disease

### Map Requirements:

- Title
- Compass Rose
- Key
- Label ALL continents and oceans
- Color large bodies of water BLUE
- Label countries/regions affected by epidemics
- Color-code epidemics throughout history beginning with the first outbreak (use a pattern for any overlapping areas and add to your key)

## FINAL PRODUCT & FORMATTING:

Students may use the preformatted Microsoft Word file of the “Infectious Disease ESPN Chart and World Map” and ReadWriteThink Timeline Generator OR design their own map and timeline with a typed ESPN chart.

**Two copies of the final product must be submitted on time**, one in the interdisciplinary file folder as well as one separate copy to your history teacher (with the exception of the map which will only be in the folder). No smaller than ½” margins, no larger than 12 point Arial, Calibri, Times New Roman fonts only. Any other fonts must be approved by the instructor.

## WORKS CITED:

Students must cite ALL sources used for the interdisciplinary project (written and visual) using MLA format. Use <http://www.easybib.com/> to organize your research. EasyBib will generate your Works Cited page for you, which should be submitted to your science instructor.

## IB CRITERION D: THINKING CRITICALLY

- i. Students should be able to analyze concepts, issues, models, visual representation and/or theories.
- ii. Students should be able to summarize information to make valid, well-supported arguments.

Achievement Level	Level Descriptor
0	The student does not reach a standard described by any of the descriptors below (no work submitted).
1-2 (1-20 points)	The student: i. <b>begins to analyze</b> concepts, issues, and visual representations related to the infectious disease in a <b>limited</b> way ii. <b>begins to identify</b> connections between information to make a partial ESPN chart, timeline, OR map
3-4 (21-40 points)	The student: i. completes a <b>simple</b> analysis of concepts, issues, and visual representations related to the infectious disease ii. <b>summarizes</b> information to make a simple ESPN chart, timeline, OR map
5-6 (41-60 points)	The student: i. completes a <b>substantial</b> analysis of concepts, issues, and visual representations related to the infectious disease ii. <b>summarizes</b> information to make an adequate ESPN chart, timeline, AND map
7-8 (61-80 points)	The student: i. completes a <b>detailed</b> analysis of concepts, issues, and visual representations related to the infectious disease ii. <b>summarizes</b> information to make a well-developed ESPN chart, timeline, AND map

**Total Points Possible = 80/80 (double grade)**