

FOCUS: Communicable Diseases

ESSENTIAL QUESTION: Can you categorize illnesses by which microbe causes them? Can you infer the best way to treat and prevent the spread of viral illnesses? Bacterial infections? Fungal infections? Parasitic diseases? Can you describe the various ways that infectious disease spreads through a population?

Project Purpose: To inform the public (our class and school community) about communicable diseases.

Due Date: The essay, multimedia product, bibliography, and presentation are due on Monday, May 4th, 2015.

Project Procedure:

- 1) Choose a communicable disease and collect information on that disease. Go to the eighth grade page at www.andrewgatt.com for links to lists of communicable diseases.
- 2) Write a well-organized informative essay that answers all nine of the Project Questions.
- 3) Create an informative multimedia product about your disease. The multimedia product must cover all of the Project Questions.
- 4) Include an alphabetized bibliography of your sources (at least 3 different sources).
- 5) Present your multimedia product to the class and be prepared to answer questions about your chosen disease.

Project Questions:

1. What are the symptoms of the disease?
2. What is the pathogen that causes the disease?
3. In what way or ways is the disease spread?
4. What is the history of the disease? When was it discovered and its cause identified?
5. What can be done to prevent the spread of the disease?
6. How is the disease treated? Is there a cure? Does the disease just run its course?
7. Can someone be infected more than once?
8. Where is the disease most common?
9. Are there any recent developments regarding the treatment, prevention, or spread of the disease? What else should we know about this disease? Have there been any recent outbreaks?

Multimedia Product Resources:

- Publishing a website: students.weebly.com – You'll need a username and password from Mr. Gatt
- Creating a Glog: edu.glogster.com
- Designing a Prezi: Prezi.com
- Starting a Voicethread: <http://voicethread.com/>
- Creating a Digital Narrative: <http://www.digitalstoryteller.org/>
- Producing a Video: <http://animoto.com/>
- Publishing a Slideshow: <http://www.slideroll.com/>

(If you would like to use a different multimedia product resource, please get approval from Mr. Gatt)

Grading:

- **Informative Essay – 30%**
 - Answers all 9 project questions, organized, informative, accurate, proper conventions of writing
- **Multimedia Product – 30%**
 - Creative, interactive, organized, informative, easy-to-follow
- **Presentation – 30%**
 - Knowledgeable, Prepared, Polished & Professional, Good posture, Clear & fluent speaking voice, Informative
- **Bibliography – 10%**
 - Complete, Alphabetized, Correct formatting