

## Research Poster Presentation: Pathogenic Diseases

Project due date: \_\_\_\_\_

Introduction: Diseases manifest themselves in different ways. For this project, you will research a disease that is transmitted through a viral or bacterial vector and relay your findings in a public service announcement format.

Objectives: a) TLW research a specific disease to deepen their understanding of the biology of viruses and bacteria. b) TLW practice relaying information in a PSA presentation format that is commonly used in college- and university-level science.

Procedure:

1. Choose a human illness caused by a virus or a bacteria from your textbook or from those suggested below:

rabies	HIV	chicken pox	polio	influenza	hepatitis	diphtheria	smallpox
herpes	syphilis	measles	rubella	botulism	scarlet fever	meningitis	Ebola

2. Verify your topic choice with your teacher.

3. Find out everything that you can about your topic, using a minimum of three sources. Two of the three sources must be textbooks.

4. Your PSA needs to cover the following topics as they relate to your viral disease. If there are other important issues related to the topic that are not listed below, include those as well. There must be at least three print

media visual aids accompanying your presentation.

a. What type of pathogen causes the disease or disorder?

b. How does the pathogen cause the disruption of human health?

c. How can the pathogen be contracted?

d. How can the pathogen be avoided or treated?

e. What other interesting things should people know about this illness?

It should be no longer than 90 seconds long. On the day of the presentation, you will need to turn in a bibliography with at least 5 sources.