



Pathogen Wanted Poster



NAME: _____

DATE: _____

Background Information:

Students will research one bacterial or viral pathogen and produce a "Wanted Poster."

Student Requirements:

Students select a pathogen (virus or bacteria) from the approved list. Students may research a pathogen not listed only if it is approved by Mrs. Leonard. They will then produce a wanted poster with the given parameters.

Project Description/Abstract:

The Wanted Poster is to be on white, 8.5" x 11" paper. Your wanted poster must include the information/sections described in the rubric. The rubric also shows the point value for each section.

Procedure:

Students will have time in class (after lab) for the next two weeks to accomplish this. YES- it may be turned in early!

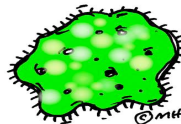
Evaluation:

Students are graded by the specific criteria (see scoring guide). Students must list the sources they used to find information for this project. Students must use a minimum of 2 sources.

HINTS:

Your poster should differentiate between the pathogen and the disease that is caused by it. For example, the wanted poster would be for the Rhinovirus...not the common cold. As an example, a poster may be titled:

Wanted: Rhinovirus
Causes the common cold



Pathogen Wanted Poster Scoring Guide

CRITERIA	Possible Points
Mug shot photo (electron micrograph or microscopic picture or picture of person with symptoms)	2
Type of microbe (virus or bacteria) and disease caused by it	3
Microbe's "m.o" (How the organism attacks and spreads)	4
Most common victims to prey upon	3
Hide out of the culprit (where it is most likely to be found – either a specific body part or area of the world)	3
Most common injury done to victim (symptoms)	4
Is it considered armed and dangerous? (degree of damage caused)	3
Number of victims (annual rate)	2
Most effective weapons against the pathogen (treatments)	3
Five interesting facts not already included in above information	5
Spelling/grammar/neatness/no plagiarism	5
Creativity	5
Use of class time	5
Sources must be listed in correct format. Sources not listed OR not listed correctly will receive no points. Must have minimum of 2 sources with at least one from source other than website.	5
TOTAL POINTS	52

YOUR CHOICE OF PATHOGEN: _____

DUE DATE: _____

MICROBE/PATHOGEN LIST

Pathogen	Disease
Rhinovirus	Common cold
Influenza virus	Influenza
Polio virus	Poliomyelitis
Variola	Small pox
Rubella	German Measles
Varicella	Chicken pox
Ebola virus	Ebola
Hepatitis B Virus I	Hepatitis B
Herpes simplex virus	Cold Sores
Varicella zoster	Shingles
Corona Virus	SARS
HIV(human immunodeficiency virus)	AIDS
Syphilis	Treponema pallidum
Coxsackievirus A16	Hand, foot, and mouth disease
Bacillus anthracis	Anthrax
Bordetella pertussis	Whooping cough
Clostridium botulinum	Botulism
Clostridium tetani	Tetanus
Mycobacterium leprae	Leprosy (Hansen's disease)
Mycobacterium tuberculosis	Tuberculosis
Neisseria gonorrhoeae	Gonorrhea
Neisseria meningitidis	Spinal meningitis
Salmonella typhi	Typhoid fever
Salmonella typhimurium	Food poisoning
Shigella dysenteriae	Dysentery
Streptococcus pneumoniae	Pneumonia
Streptococcus (group A)	Scarlet fever
Vibrio cholerae	Cholera
Streptococcus pyogenes	Impetigo
Borrelia burgdorferi	Lyme disease
Peptic ulcers	Helicobacter pylori
Bubonic plague	Yersinia pestis