



Bacteria WANTED, Dead or Alive!

There are pathogens everywhere! Bacteria, viruses, fungi, and protists have been wreaking havoc on the human population for centuries. It is your job to make the rest of mankind aware of these renegade pathogens and bring them to justice.

Research and design a wanted poster for the pathogen that you have been assigned. Your poster will be graded using the following rubric:

Name of microorganism and disease it causes (Remember how scientific names should be written.)	_____ out of 5 pts
A "photograph" of microorganism (electron micrograph or microscopic picture/diagram).	_____ out of 5 pts
A description including shape, structure, and motility.	_____ out of 10 pts
What is the organism's mode of transmission? (How does the organism attack and spread?)	_____ out of 10 pts
What is the most common victim it preys upon? (human, animal, certain populations? Gender?)	_____ out of 10 pts
Where it hides out (Where it is most likely to be found?)	_____ out of 10 pts
What is the most common injury done to its victims? (Symptoms)	_____ out of 10 pts
Is it considered armed and dangerous? (Rate the degree of damage it causes, is it an immediate threat?)	_____ out of 5 pts
How many victims does it have? (Per unit time)	_____ out of 5 pts
What is the most effective weapon against the pathogen?	_____ out of 10 pts
Other identifying characteristics	_____ out of 5 pts
Creativity, colorfulness	_____ out of 5 pts
Neatness, grammar, spelling, and visibility	_____ out of 5 pts
Must have 3 different sources cited on the back of the poster in MLA format	_____ out of 5 pts

Have fun with your design. Make it look as authentic as possible! Posters should be no smaller than 8 ½" x 11". Your poster is due Thurs 13th/Friday 14th and will count as a "test" grade.

The pathogen I have been assigned is _____, and the disease it causes is _____.

*If you wish to present the information above in a different format, such as a song, poem, etc...you are welcome to do so, however you **must** have pre-approval from your teacher and still address the information in the rubric.

TURN IN THIS SHEET WITH YOUR POSTER!!

List of potential pathogens:

Chicken pox and Shingles
Tetanus
Botulism
MRSA infection
HPV (Human Papilloma
Virus)
Herpes simplex I
Salmonella food poisoning
Amebic dysentery
Lyme disease
African Sleeping Sickness
West Nile virus

SARS
Malaria
Small pox
Rabies
Mad cow disease
Avian flu
Yellow fever
Bubonic plague
Anthrax
Rocky Mountain Spotted
Fever
Ringworm

Leprosy
Cholera
Typhoid fever
Mumps
Rheumatic fever
Giardia
Meningitis (Bacterial)
Polio
Athlete's Foot
Gonorrhea
Thrush

Name _____ Hour _____

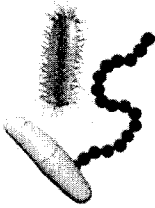
Infectious Disease Project

Choose one disease for this project.

Use the websites:

<http://www.cdc.gov/ncidod/diseases/index.htm>, or

<http://www.dhpe.org/infect/index.html>



Infectious Diseases

- Lyme disease
- AIDS
- Typhoid Fever
- Rocky Mountain Spotted Fever
- Hepatitis C
- Shingles
- Syphilis
- Gonorrhea
- Cholera
- Rabies
- Malaria
- Chlamydia
- Mumps
- Hepatitis A
- Plague
- Tetanus
- Polio
- Tuberculosis
- Bacterial Meningitis
- Diphtheria
- Genital Warts
- Genital Herpes
- Chickenpox
- Measles

