

WANTED

Researcher Name: _____ Period: _____ Pathogen: _____ Disease: _____

Bacteria Wanted Poster Research Project

Background Information:

Students will research one bacterial pathogen and the disease crime that it causes. They will then produce an old style wanted poster with the given parameters.

Poster Guidelines: create a section for each of the following pieces of information

1. Title
 - Ex- Wanted “Listeria”
 - Scientific Name
2. Mug shot
 - Draw, print, or cut out a microscopic picture of the bacterium
 - Add a picture of the bacteria in action (victim under attack)
 - Label the parts of the bacterium (ex cell wall flagella. etc.)
3. Attacks
 - Body systems it attacks (Nervous, Muscle, respiratory, circulatory. etc.)
 - Different types of infections – is there more than one type?
 - How is it transmitted (Air water droplets, contact ingestion, blood. etc.)
4. Victims
 - Who is most at risk
 - What types of workers have been exposed (carpenters, soldiers, medical etc.)
5. Crime
 - Injury to victim (symptoms) (ex Fever, swelling, pain, loss of consciousness, etc.)
 - Damage to the body (ex. Tissue damage, loss of body parts, death, etc.)
6. Hideout
 - Where it can be found –where would a person come in contact with the bacteria
7. Weapons
 - Ways to defend yourself from contracting this disease
 - Prevention (ex. Immunization, hand washing, etc.)
 - Treatments (ex. Antibiotics, surgery, etc.)
8. Other details
 - Make sure your poster is colorful.
 - Name date and period go on the back of your poster

Procedure:

Students have one period in class to research their disease and receive assistance. Any additional time needed for research or production/completion of the poster is to be done on their own.

In Class Work Date: _____ Project Due Date: _____

WANTED

The word "WANTED" is written in a large, bold, black, sans-serif font. The letters are thick and blocky. The text is centered at the top of a rectangular frame. The frame has a rough, hand-drawn, or torn-paper appearance with irregular, jagged edges. There are four circular fasteners or rivets, one in each corner of the frame, suggesting it's a sign that can be pinned or bolted to a wall. The background of the sign is white, and the overall style is reminiscent of a vintage poster or a stencil.

Food borne illnesses

Bacterial pathogen	
<ul style="list-style-type: none"> • Anthrax • Botulism (<i>Clostridium botulinum</i> toxicity) • Facts about Botulism (Emergency preparedness) • Brainerd Diarrhea • Brucellosis (<i>Brucella</i> infection) • Brucellosis • Campylobacteriosis (<i>Campylobacter</i> infection) • Cholera (<i>Vibrio cholerae</i> infection) • Clostridium botulinum • Clostridium perfringens • E.coli • Diarrheagenic Escherichia coli • Enterohemorrhagic Escherichia coli • Enterotoxigenic Escherichia coli (ETEC) • Escherichia coli O157:H7 and other Shiga toxin-producing Escherichia coli (STEC) • Leptospirosis • Listeriosis (<i>Listeria</i> infection) • Non-tuberculosis mycobacterium species • Raw milk • Salmonella • Salmonellosis (<i>Salmonella</i> infection) • Salmonella enteritidis • Salmonella typhi (Typhoid Fever) • Shigellosis (<i>Shigella</i> infection) • Staphylococcus food poisoning (<i>Staphylococcus aureus</i>) • Traveler's diarrhea • Typhoid Fever (<i>Salmonella typhi</i> infection) • Vibrio parahaemolyticus • Vibrio vulnificus • Yersinia (<i>Yersinia enterocolitica</i> infection) • Yersinia enterocolitica 	<p>Fungal</p> <ul style="list-style-type: none"> • Cryptococcosis (<i>Cryptococcus</i>) <p>Parasitic</p> <ul style="list-style-type: none"> • Amebiasis (<i>Entamoeba histolytica</i> infection) • Anisakiasis (Anisakis infection) • Ascariasis (Intestinal roundworm infection) • Cryptosporidiosis (<i>Cryptosporidium</i> infection) • Cyclosporiasis (<i>Cyclospora</i> infection) • Cysticercosis (formerly known as Isosporiasis) • Diphyllobothriasis (<i>Diphyllobothrium</i> infection) • Giardiasis (<i>Giardia</i> infection) • Toxoplasmosis (<i>Toxoplasma</i> infection) • Traveler's diarrhea • Trichinellosis/Trichinosis (<i>Trichinella</i> infection) <p>Viral</p> <ul style="list-style-type: none"> • Hepatitis A • Hepatitis A • Norovirus • Rotavirus • Viral gastroenteritis

Diseases taken from the CDC(center for disease control)