



Pathogen Project



You will choose 1 of the following bacterial or viral diseases to research and complete the project on. If we can not make our own decision then they will be assigned.

List of Pathogens to choose from...

1. Bacterial Meningitis
2. Viral Meningitis
3. Strep Throat
4. Polio
5. Staph infection
6. West Nile
7. Tetanus
8. Influenza
9. Salmonella
10. Mononucleosis
11. Tuberculosis
12. Small Pox
13. Whooping Cough
14. HIV
15. Diphtheria
16. Hepatitis C
17. Gangrene
18. Measles
19. Chlamydia
20. Mumps
21. Bacterial Pneumonia
22. Rubella
23. Gonorrhea
24. HPV
25. Lyme Disease
26. Ebola
27. Anthrax
28. Common Cold
29. E. coli (food poisoning)
30. Herpes
31. Swine Flu
32. Shingles
33. Avian Flu
34. Dengue Fever

• Project Details/Research

- **Title: Name of Disease-both common and scientific (10 points)**
 - Type of pathogen
 - Bacteria or Virus?
- **Pictures: (10 points)**
 - 1-3 pictures: Either from magazines, the internet, or drawn neatly
- **Symptoms: What are the signs you have the disease (10 points)**
 - Examples: Cough, Fever
- **Mode of Transmission: (10 points)**
 - How is the disease spread? List all of the ways
 - Example: inhalation
- **Prevention/Treatment: (25 points)**
 - How would someone avoid being infected by the pathogen (disease causing organism) ?
 - Is there a cure to the disease? If yes, what is it? If not, why not?
- **Historical Information/Description of Disease (20 points)**
 - When was it discovered?
 - Where does the disease infect people? Be specific unless it is everywhere?
 - Statistics (how many people does it infect?, how many die from it?)
 - Risk Factors: What factors put someone at risk for the disease?
- **Neatness/Creativity (15points)**

Scoring:

****MAJOR GRADE**
FOR 2nd 9 WEEKS**

Worth 100 point
total!

DUE:
Monday
November
6 or 7th (A or
B day)

- **Title: Name of Disease-both common and scientific (example: Strep Throat “streptococcus”)**
- **Pictures**
- **Symptoms: What are the signs you have the disease**
- **Mode of Transmission: how is it spread?**
- **Prevention/Treatment: medicine?**
- **Historical Information/Description of Disease**