

THE INFECTIOUS DISEASE PROJECT

Look at the list of various infectious diseases listed below. Choose one of the infectious diseases from one of the four categories → **Viral Diseases, Bacterial Diseases, Fungal Diseases, Protozoan/Small Worm Diseases**. In this activity, you will work with a partner to complete the project objectives as described below. This project will primarily utilize the internet as the primary source of research information, but you are welcome to use supplementary sources to help your team find the required information such as videos, books, magazines, science journals, interviewing an expert, etc. The final outcome of the project will be a typed Microsoft Word document containing the following:

1. List the name of the disease you chose and the type of organism that causes the disease. Find the scientific name of the causative agent of the disease and describe the organism's characteristics- size, color, lifecycle, food requirements, lifespan, etc. Include information about the contagious nature of the disease, and the common ways the disease may be passed from one person to another. Find at least one picture of your disease causing organism or one like it from the internet to accompany your general description of the organism. *(The written portion of this portion should be at least one page typed, double spaced, not including your pictures).*
2. List and describe the particular symptoms associated with your disease (round spots, high fever, green mucous oozing from eyes, etc.). Also, list how long the disease lasts, or if the disease is curable or not. Include at least two pictures from the internet that show some of the symptoms of the disease. *(The written portion of this portion should be at least two paragraphs typed)*
3. Research and list the common treatments for your particular disease including areas like drugs used to treat the disease, prescribed periods of rest, dietary recommendations, exercise programs, etc. Include any advanced life saving technology, equipment, or techniques that may be used to help battle the infectious disease. *(The written portion of this portion should be at least two paragraphs typed)*
4. Provide a description of the history of the disease in terms of biogeography. For example, list the areas of the world that the disease commonly found, and what the environmental conditions of this area are like. *(The written portion of this portion should be at least one paragraph typed)*
5. You must include a list of the resources used to complete the assignment, including any websites, periodicals, newspaper articles, etc.

<u>Viral Diseases</u>	<u>Bacterial Diseases</u>	<u>Fungal Diseases</u>	<u>Protozoan/Small Worm Diseases</u>
Chicken Pox Hemorrhagic Fever Hepatitis Common Cold Viral Encephalitis HIV Herpes Influenza Mononucleosis Measles Mumps Small Pox Common Warts Rift Valley Fever Polio Rabies 	Anthrax Bacterial Meningitis Botulism Cat Scratch Fever Cholera Conjunctivitis Diphtheria Food Poisoning Gangrene Gonorrhea Hansen's Disease (a.k.a Leprosy) Lyme Disease The Plague (Bubonic Plague) Strep Throat Bacterial Pneumonia Rocky Mountain Spotted Fever Syphilis Tetanus Tuberculosis Typhoid Fever	Ringworm Ergot Poisoning Athlete's Foot Fungal Pneumonia  After a long search we found it... 	African Sleeping Sickness Chagas Disease Elephantiasis Giardiasis Malaria Schistosomiasis Tapeworm Toxoplasmosis  