

Name: _____

Period: _____

Research Microorganisms

Today you are conducting research to learn the basic characteristics of different microorganisms. Knowing the basic characteristics of different microorganisms gives scientists who study the spread of disease (epidemiologist) extremely necessary information in studying a disease.

Microorganism:	Basic Characteristics: (form, size, parts)	Diseases it can cause:	Treatment of Disease:	Prevention Methods:
Bacteria definition: Drawing:	Unicellular or multicellular? <u>Describe each:</u> Spherical: Rodlike: Spiral: Corkscrew:	How does this microorganism infect another organism?		
Fungi definition: Drawing:	Unicellular or multicellular?	How does it infect another organism?		
Virus definition: Drawing:	Living or nonliving? Parts of a virus:	How does this microorganism infect another organism?		
Parasite definition: Drawing:	Define host cell:	How does this microorganism infect another organism?		

Use the following websites and the textbook/research books:

www.cdc.gov

www.discovery.org

www.pbs.org

www.nationalgeographic.org

www.who.org

Use the following website to find information about the following diseases:

www.cdc.gov and the Textbook

Choose 3 of the following diseases to research:

influenza, the common cold, polio, chicken pox, small pox, yellow fever, viral meningitis, West Nile, Ebola, Rabies, Lyme Disease, Leprosy

Disease	Microbe Responsible for Infection	Symptoms of Disease	Medical Treatment	Prevention Methods