

Name: _____

Class: _____

ACTIVITY SHEET

Chapter 10 Revision

Use this revision sheet to check your understanding and guide your revision. Identify any concepts, models or other content that require more study, and then plan your study approach.

By the end of this chapter **you should know:**

	Revise	Complete
What a pathogen is		
Non-cellular pathogens: viruses, prions		
Cellular pathogens: bacteria, fungi, protists, worms and ectoparasites		
Transmitting a pathogen: direct contact, via body fluids		
Transmitting a pathogen: foodborne and waterborne transmission		
Transmitting a pathogen: airborne transmission		
Transmitting a pathogen: vectors		

By the end of this chapter **you should be able to:**

	Revise	Complete
Define the terms 'pathogen' and 'host'		
Define the terms 'pathogenicity' and 'virulence'		
Explain what is happening in an incubation period		
Describe the structure of a virus; explain why they are called obligate parasites		
List some common diseases caused by viruses		
Explain how a prion protein causes damage		
List diseases caused by prions		
Create a labelled diagram of the structure of a bacterium		
Summarise the different ways that bacteria are classified: by shape, cluster and Gram staining		
Explain how bacteria cause disease		
List some common diseases caused by bacteria		
Describe the type of diseases caused by fungi		
Describe some diseases caused by protists; include the life cycle of malaria		
Outline the life cycle of an endoparasite, including the definitive host and any intermediate hosts		
List some examples of ectoparasites; explain why they can cause more than just discomfort		
Summarise the ways pathogens can be transmitted: directly, via a vector, airborne, via food/water/body fluids		
Define the terms 'zoonotic disease' and 'fomite'		
Explain the 'faecal-oral route' for the transmission of disease		