

AQA TRILOGY Biology		Covered in	Diagnosis			Revised		
B1.3 Infection and Response		Lesson	R	A	G	1	2	3
B1.3.1 Communicable diseases	Explain what a pathogen is and how pathogens are spread (inc how viruses, bacteria, protists and fungi are spread in animals and plants)							
	Explain how pathogenic bacteria and viruses cause damage in the body							
	Explain how the spread of diseases can be reduced or prevented							
	Describe measles, HIV and tobacco mosaic virus as examples of viral pathogens							
	Describe salmonella food poisoning and gonorrhoea as examples of bacterial pathogens							
	Describe the signs, transmission and treatment of rose black spot infection in plants as an example of fungal pathogens							
	Describe the symptoms, transmission and control of malaria, including knowledge of the mosquito vector as an example of a protists pathogen							
	Describe defences that stop pathogens entering the human body (inc skin, nose, trachea & windpipe, stomach)							
	Recall the role of the immune system							
	Describe how white blood cells destroy pathogens							
	Describe how vaccination works, including at the population level							
	Explain how antibiotics and painkillers are used to treat diseases, including their limitations							
	Describe how sources for drugs have changed over time and give some examples							
	Describe how new drugs are tested, including pre-clinical testing and clinical trials (inc double blind trials and placebos)							