

High Tunstall College of Science Curriculum Intent

Subject: Biology Year: 8

Thread 2 – Infection and Response



	Biology Thread 2	Progress		
Topic	Key ideas	R	A	G
Infection & Response	I can state what a pathogen is and name the 4 different types.			
	I can Compare the symptoms of different diseases.			
	I can list methods of pathogen spread/transmission.			
	I can describe the work of Semmelweis.			
	I can describe how antibiotics were discovered.			
	I can describe what antibiotics are and what they are used for.			
	I can describe the role of pre-clinical and clinical trials.			
	I can state the standards a new drug must meet			
	I can define the term “immune”			
	I can describe the 3 actions of white blood cells.			

Lesson	Learning Focus	Assessment	Key Words
1	What are Pathogens?	Choice of a bronze or silver or gold test sheet which covers all the key questions of the lesson in different styles.	Pathogen
2	How can we stop pathogen spread?	Complete an investigation task around the work of Semmelweis. Then complete a fact file about the work and complications of Ignaz Semmelweis.	Transmission
3	Antibiotic discovery	Research task to answer the 10 key questions of the lesson, plus a comic strip to summarise understanding.	Antibiotic
4	Drug Trials	Create a storyboard demonstrate the preclinical and clinical stages of a drugs trial.	
5	Immune Response	Compare the 2 types of white blood cell then complete the key question mini test.	Immune
6	Review prior learning	Identify areas of strength and areas for improvement.	