Year Group:	: 12	Subject: Biology	Term: Summer 2021		
Торіс		Key Learning point		Assessment	
4.1.1: Communicable diseases	off infection. • Know • To be • Know phag • Know • Know mem • Unde • Know	To know how diseases are transmitted and the defer with the different types of pathogen and explain how the e able to describe the non-specific defence agains with the form and function of immune cells to include gosomes and lysosomes. With the specific immune response including the action with the specific immune response including the action whow immunity to a pathogen develops through the fory cells. The pathogen active, passive, nation with the difference between active, passive, nation with the vaccinations are created and their role in pro- wish sources of medicines and the increased benefit of	they can be transmitted. t pathogens in animals and plants. neutrophils, antigen-presenting cells, n of B and T lymphocytes. e action of T memory cells and B cural and artificial immunity. eventing the spread of infectious disease.	Students will complete homework assignments as ongoing assessment of understanding.	
4.2.1: Biodiversity	 Knov Knov diver Knov orgat Undet destrive Knov cons 	To understand the importance of biodiversity and m w that biodiversity occurs at the habitat and genetic w how to measure biodiversity including species ric sity index. w different sampling techniques and be able to app nism. erstand the impact humans have had on biodiversi fuction and climate change. w the different methods of conservation including the ervation efforts. w how genetic biodiversity can be assessed using	e level. chness, species evenness and Simpson's ly the appropriate technique to the right ty including monoculture, habitat ne various organisations that aid		
4.2.2: Classification and Evolution	through natu Know Know Know disco Know Unde Unde	o know the development of classification systems. ural selection. v the taxonomic hierarchy that results in the binom v how genetic analysis lead to the three-domain m v the different types of variation including interspec- ontinuous. v how organisms can be adapted anatomically, ph erstand the process of natural selection and how it erstand the implications of evolution on human pop- iotic resistance and the impact of climate change.	ial classification of organisms. odel for classifying organisms. cific, intraspecific, continuous and ysiologically or behaviourally. leads to evolution of organisms.		