

Prior Learning:		<i>This unit links to 7E-Diffusion, 7A Cells and 8C Breathing and Respiration</i>			
Lesson Number	Title	Lesson Objectives	Content	Key words	Assessment/Homework
1	Unicellular vs Multicellular	What are Microorganisms?	<ul style="list-style-type: none"> Recall the 7 life processes Explain the difference between unicellular and multicellular organisms Describe what diffusion is Describe the different microorganisms 	<ul style="list-style-type: none"> Unicellular Multicellular Eukaryotic & prokaryotic MRS GREN 	
2	Fungi	Why are fungi so useful?	<ul style="list-style-type: none"> Describe some common fungal diseases and how they spread Describe how yeast reproduces Explain how yeast is used in brewing and baking 	<ul style="list-style-type: none"> Athlete's foot Ringworm Budding Anaerobic respiration Fermentation 	
3 Required practical	Bacteria Required practical	Which cleans my hands better – water or soap?	<ul style="list-style-type: none"> Compare the structure of Eukaryotic and Prokaryotic cells Describe how bacteria reproduces Explain how yoghurt and cheese are made Practical skills: Carry out a microbiology practical safely and effectively to achieve valid results. Make careful observations. 	<ul style="list-style-type: none"> Binary fission Flagella Aseptic techniques Contamination 	

4	Spread of disease	How do microbes spread disease?	<ul style="list-style-type: none"> Describe the ways in which disease can spread Describe the bodies natural defences against pathogens Describe the different methods used to prevent diseases from spreading 	<ul style="list-style-type: none"> Pathogen Salmonella Influenza STD Vaccination White blood cells 	20-mark multiple choice quiz
5	Decomposers	How are microorganisms important in the carbon cycle?	<ul style="list-style-type: none"> Describe what decomposers are Explain the importance of decomposers Describe how carbon is recycled by decomposers 	<ul style="list-style-type: none"> Decay Carbon 	
Revision and Test					
Where we will use these ideas again		<ul style="list-style-type: none"> Year 9 (GCSE) – B1 Cell structure Year 10 (GCSE) – B4 Health and Disease, Microbiology Year 11 (GCSE) – B8 Carbon cycle & decomposers 			