

Feedback → Action → Response**8D – Unicellular organisms**

Lesson	Working towards ARE	RAG	Meeting ARE	RAG	Exceeding ARE	RAG
8Da – Unicellular or multicellular	Recall the seven the life processes (MRS GREN).		Explain why multicellular organisms need efficient transport systems by using the term diffusion		Compare multicellular transport systems to unicellular systems	
	Identify organisms as either multicellular or unicellular		Describe the process of diffusion		Link diffusion to surface area in terms of unicellular organisms	
8Db - Microscopic fungi	Recall that yeast is a type of fungus		Describe the conditions under which yeast grows most quickly		Use graphs to calculate population growth rates of microorganisms	
	Recall what is meant by aerobic and anaerobic respiration		Apply aerobic and anaerobic respiration to yeast		Explain how yeast can be used in alcohol (ethanol) production	
8Dc - Bacteria	Draw and label a diagram of a bacterial cell		Describe the functions of the parts of a bacterial cell		Compare the structures of a plant, animal and bacterial cell in terms of structure	
8Dd - Protoctists	Recall that protists, bacteria, viruses and fungi are all examples of pathogens		Describe the difference between bacteria and viruses		Compare viral and bacterial invasions within the body	
	Recall the equation for photosynthesis		Describe what happens during photosynthesis		Explain the functions of light and chlorophyll in photosynthesis (in terms of energy transfer)	
8De – Decomposers and carbon	Correctly use the terms: ecosystem, decomposer.		Simply describe the carbon cycle.		Explain how humans have impacted the carbon cycle to cause global warming	
	State the importance of decomposers in an ecosystem.		I can make predictions about how changes in physical and biological factors will affect carbon supply in an ecosystem.		I can model the recycling of carbon in an ecosystem using the carbon cycle and how deforestation may affect carbon dioxide levels	

Homework & Presentation

Rewards	Test Score (%)
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