

Y8 BIOLOGY	8D Unicellular Organism Learning Checklist	I can do this already	Covered in Class	Strength or weakness?	Revised it?
8D1 Unicellular Organisms	Developing: Recall the name of the five kingdoms.				
	Securing: Describe what is meant by the terms unicellular and multicellular.				
	Exceeding: Use key characteristics of a microorganism's cell structure to classify unicellular organisms.				
8D2 Diffusion	Developing: Describe what is meant by the term diffusion.				
	Securing: Describe how substances enter and leave unicellular organisms.				
	Exceeding: Explain the importance of surface area to volume ratios.				
8D3 Fungi	Developing: Recall what happens during anaerobic respiration.				
	Securing: Describe how yeast reproduces by budding.				
	Exceeding: Describe what is happening at different stages of a growth curve.				
8D4 Bacteria	Developing: Recall conditions in which Bacteria reproduce quickly.				
	Securing: Describe and explain the structure and function of parts of a bacterium cell.				
	Securing: Explain how bacteria can be used to produce yoghurt.				
8D5 Protocists	Developing: Recall conditions in which Protocista reproduce quickly.				
	Securing: Describe and explain the structure and function of parts of a Protocist cell.				
	Exceeding: Explain the functions of chlorophyll and light in Photosynthesis.				
8D6 Decomposers	Developing: Correctly use the terms ecosystem and decomposer.				
	Securing: State the name of decomposer microorganisms.				
	Exceeding: Explain ways in which decay can be prevented such as freezing, refrigeration, drying, canning, salting, jamming, pickling and pasteurising.				
8D7 Carbon Cycle	Developing: State the names of the compounds in which carbon is held in an ecosystem.				
	Securing: Describe methods by which carbon is recycled in an ecosystem.				
	Exceeding: Model the recycling of carbon in an ecosystem using the carbon cycle.				

For more help:

Read your 8D Summary Sheets for information on key points from the lesson.

Email your class teacher: (firstinitial)(lastname)@ndhs.org.uk *E.G. sfrise@ndhs.org.uk*

Look up your topic up on BBC bitesize by typing 'BBC Bitesize +keyword' into google.

Visit NDHS Science google website for useful resources

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