



Feedback → Action → Response

8B – Plants and their reproduction.

Lesson	Working towards ARE	RAG	Meeting ARE	RAG	Exceeding ARE	RAG
8Ba – Classification and biodiversity.	Recall the names of the five kingdoms and understand why we classify things		Describe the key characteristics of the five kingdoms.		Identify the genus and species names from a binomial name.	
	Correctly use the term biodiversity.		Explain how organisms are classified.		Explain why preserving biodiversity is important.	
8Bb-Types of reproduction	Recall the definitions for sexual and asexual reproduction		Describe different methods of asexual reproduction		Explain how sexual reproduction leads to variation but asexual reproduction can't	
	Recall the definition for fertilisation.		Identify and give examples of inherited variation.		Explain how inherited variation is caused by reference to male and female gametes	
The structure of a flower	Identify the main structures in a flower and identify those that are male and those that are female.		Describe the functions of structures within the flower		Describe how the structures of a flower are adapted to their functions.	
8Bc - Pollination	Recall what is meant by the term pollination		Describe the two main methods of pollination		Evaluate different methods of pollination.	
8Bd- Fertilisation	Identify different structures within a seed		Describe how the fusing of male and female gametes and their nuclei during fertilisation forms a fertilised egg cell (or zygote).		Describe the functions of the different parts of a seed.	
	Recall the four ways they are dispersed.		Explain the importance of seed dispersal.		Apply knowledge of seed dispersal to suggest which method would be best for given situations	
8Be- Germination and growth.	Recall the resources needed for germination using the acronym WOW.		Explain the need for the different resources by a seed as it germinates.			
	Recall the equation for photosynthesis and respiration		Describe why a plant needs to photosynthesise and respire		Describe the importance of light for plant growth	
HSW	Correctly use a quadrat to sample a population		Calculate a mean from a set of data		Identify anomalies and understand when to omit them from a mean calculation	

Homework & Presentation

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