

Y8 BIOLOGY	8B Plant Reproduction Learning Checklist	I can do this already	Covered in Class	Strength or weakness?	Revised it?
8B1 Classification and Biodiversity	Developing: Describe the characteristics of organisms in the five kingdoms				
	Securing: Describe how organisms are further classified in their kingdoms.				
	Securing: Identify the genus and species names from a scientific name				
	Exceeding: Explain why biodiversity is important				
8B2 Estimating and Sampling Populations	Developing: Describe how a quadrat is used to collect samples				
	Securing: Use a sample to calculate an estimate.				
	Exceeding: Explain the effects of too small and too big a sample size.				
8B3 Sexual and Asexual Reproduction	Developing: State the difference between asexual and sexual reproduction.				
	Developing: Recall ways in which plants reproduce asexually.				
	Securing: Describe what happens during fertilisation.				
	Securing: Identify and give examples of inherited variation.				
	Exceeding: Explain how inherited variation is caused.				
8B4 Pollination	Developing: Identify the main parts of a flower and describe their functions.				
	Developing: Identify the main parts of a flower and describe their functions.				
	Securing: Describe how the parts of a flower are adapted to their functions.				
	Exceeding: Explain how and why plants avoid self-pollination.				
8B5 Flower Dissection	Developing: Identify male and female reproductive organs from dissected flowers.				
	Securing: Follow a scientific method and create a pollen microscope slide.				
	Exceeding: Make Scientific observations of your pollen grains and link them to either insect or wind pollination.				
8B6 Fertilisation and Dispersal	Developing: Identify the different parts of a seed.				
	Developing: Identify different kinds of fruits and describe how they disperse seeds.				
	Securing: Describe what happens after pollination and before fertilisation.				
	Securing: Describe how a fertilised egg cell grows into an embryo.				
	Exceeding: Explain the importance of seed dispersal.				
8B7 Germination and Growth	Developing: Describe the life cycle of a flowering plant.				
	Developing: Recall the resources needed for germination and how this occurs.				
	Securing: Describe what happens in photosynthesis and respiration.				
	Exceeding: Describe examples of interdependence and how changes in a population or community affect other populations.				

For more help:

Read your 8B 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.

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