

Year 5 Science Planning (5A & 5-H)

Week 16- Life Cycles

Year 5	<p>WEEKLY OBJECTIVES:</p> <p>Students will.....</p> <ul style="list-style-type: none"> • learn that plants produce flowers which have male and female organs, seeds are formed when pollen from the male organ fertilises the ovum (female) • name the parts of the flower <i>eg stamen, stigma, style, petal, sepal</i> and explain the function of each • explain that seeds are formed after pollination when pollen fertilises the ovum • state that pollen can be transferred by different means <i>eg by wind, by insects</i> • identify differences between pollen grains and suggest a reason for differences <i>eg pollen from one flower can't pollinate flowers of other types of plant, pollen from some flowers needs to stick to insects' bodies</i> 		
	Introduction	Task	Reflection/Assessment
Lesson 1	Smart Board - BBC website - Review flower parts (visual/auditory/kinesthetic). Read about function of each part.	Students will draw diagrams of flowers with labels for each part in their notebooks using LCD and model of flower in textbook (p. 10).	Students will complete worksheet labelling flower parts with word bank in 5-10 min. Check answers.
Lesson 2	Smart Board - BBC website - Review flower parts. Ask students to identify names of parts. Explain rules of field trip.	Students will collect flowers (2 per person) and dissect in classroom. Students will talk about what they think is the stamen, carpel, etc. and share with students at their table. Then student will share group results with the class.	Did you find a stamen? Carpel? What was interesting or different about your flower? Did anyone find an ovary with seeds inside at the base of the carpel? Show class/share findings on microscope camera. Glue flower parts in notebooks.