

	Sensation Seeds and	Fabulous Flowers		
Name of session	Level:	Length of session: 2 hours		
Pupils should Make s measu Gather Record Year 3 Plants Pupils should identify leaves Explore room to	Vorking scientifically be taught to: ystematic and careful observ rements using standard units ing, recording and presenting ing findings using drawings a be taught to: and describe the functions o and flowers the requirements of plants fo grow)	, using a range of equi data in a variety of wa and labelled diagrams f different parts of flow or life and growth (air,		
seed fo	edge expected from student			
what plants ne	owering plant, parts of a planed to grow (some of this may apped from KS1)	pollination, be air, soil, sunlig	Plant, roots, stem, leaves, bud, flower, pollination, bee, butterfly, pollen, seed, water, air, soil, sunlight, habitat, exploring, collecting, diversity, seed dispersal.	
To learn about To learn what s To learn the pa To be able to m	se observations of seeds to d the life cycle of a flowering pl eeds and plants need to grow rts of a flowering plant and a nake observations and drawing	ant and name the repr w. flower and their function	oductive parts of a flower.	
soil, air and sur able to recolled All pupils will ha determine meth All pupils will ol All pupils will ha	hishine and understand that the t the parts of the plant, roots, ave observed seeds closely a hod of seed dispersal. Pupils oserve and make collections of	ney need all 4 to be ablestem, leaves, bud and and some may be able will be able to recall se of seeds/plant parts fro and made an attempt		
Starter				
	e a plant or tell me the name	of a plant? Talk about	trees being oldest living thing.	
Introduction				
15 mins Se Re su	Ident Activity ed tig cap what plants need to surv hshine, soil and air tokens to m, leaves and flower.		e where pupils gather water, w, mention functions of roots,	
Main Activities				
30 mins See	d investigation.			



	Discuss why all the seeds falling off a tree might not grow if they fell directly under the tree,
	leads on to seed dispersal. Look at different types of seeds gathered locally. Discuss which ways the seeds are dispersed. After careful handling and observation of seeds, using magnifying glasses, pupils use observations to categorize the seeds into seed dispersal method.
30mins	Plant Walk
50111115	Explore different habitats where seeds (or plants depending on season) are found, collect seeds on the seed journey worksheet. Make notes as to which method of dispersal each plant uses.
	Mention the fact that some of the seeds found are a source of food for wildlife (birds and mice).
40mins	Plant reproduction Investigating parts of a flower using the giant flower, pupils help build the flower, naming its parts. Discuss roll of insects in pollination and fertilization.
	Observe flowers in the ecology centre using magnifiers. Plant reproduction worksheet: draw flowers and discuss pollination.
Plenary	
5 mins: V	Vhat effect would it have if we lost all our pollinators?
Extensior	ו work
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Dress and prepare for the outdoors. Long trousers due to tall grass, brambles and nettles. Sensible footwear in all weather conditions.

Waterproofs in wet weather. Sunhats, suntan lotion and water bottles in hot sunny weather. All pupils and teachers should wash their hands prior to leaving the site or eating.

Teachers should arrange a pre-visit to discuss specific health & safety requirements to generate their own risk assessments.

Course leaders: Site check and dangerous litter pick.