LKS2	To be secure in this unit you must:		Skill		
Science	Knowledge		Ask relevant questions and using different types of scientific enquiries to answer them.		
	Know the function of different parts of flowing plants and	d trees: roots,			
Knowledge Orga	aniser stem/trunk, leaves and flowers.		 Make systematic and careful observation and take accurate measurements using standard units, using a range o equipment, e.g. thermometers and data loggers. Sather, record, classify and present data in a variety of ways to help in answering questions. 		
Biology	•Know how water is transported within plants •Know the plant life cycle, especially the importance of flow	wers including polli-			
Plants and Ani		vers, meldung pom-	 Record findings using simple scientific language, draw 		
Plants and All	 Know plants need air, light, water, nutrients from the soil a thrive and how they vary from plant too plant. Recognise that living things can be grouped in a variety o Use classification keys to group, identify and name living Know how changes to an environment could endanger livit 	f ways. things	 Report on findings from enquiries, including oral and v and conclusions. 	written explanations, displays or presentations of results provements, new questions and predictions for setting up simple, scientific ideas and processes.	
	Vocabulary		Sticky Knowl	edge	
seed	A seed is a small baby plant enclosed in a covering called the seed coat, usually with some stored food.	Roots Take up water an	d nutrients () from the soil. The roots also keep the plant steady and upright in the		
		soil			
			d nutrients to different parts of the plant. The stem of a tree is called its trunk . This smaller branches .	Flowers produce seeds	
fertiliser	Fertilisers are used to increase the rate of a plant's		e Sun, along with carbon dioxide () from the air and water to make food for the plant.		
	growth.	This process is called photosynthesis. Flowers Are involved in plant reproduction and produce seeds from which new plants grow.		flower that loses pollen will start to die. It no longer needs its colourful petals, scent or nectar. But before it	
				dies, the flower will produce seeds.	
seed dispersal	Seed dispersal is the movement or transport of seeds		\sim	We use many of these seeds, like corn and oats, to make	
	away from the parent plant.	Flower 🕨 🏹		foods like bread and breakfast cereal.	
				Some seeds are surrounded by fruit, such as apples,	
seed formation	A seed is formed when fertilised ovule divides. It			plums and pears which we grow and eat.	
	stores food and has the potential to develop into a	Leaves			
	new plant under optimal conditions.				
	Nutrients are the food the plant wants. Most of the		Stem		
nutrients	plant's nutrients comes from the soil.				
stigma	The stigma is usually sticky and receives pollen.	_	Poots TAN	Asexual reproduction	
sugina			Some plants can also reproduce without an egg cel being fertilised to produce a seed. Instead, these pl		
pollination	Pollination is the act of transferring pollen grains from				
pollination	the male anther of a flower to the female stigma.			produce an identical copy of themselves. This type of reproduction is known as asexual reproduction.	
	The stamen has a pollen producing structure at the				
anther				Plants can reproduce asexually in a number of different ways. Some plants produce bulbs, like daffodils and	
	end which is called the anther.			snowdrops. Others, like potatoes, produce tubers. These	
			sit under the soil and develop into new plan year.		
seed dispersal	Seed dispersal is the movement or transport of seeds	yeu.			
	away from the parent plant.				
classify	Classification is the word we use to describe the pro-				
	cess of observing a living thing and deciding which				
	group it belongs to.				