

TOPICS	Propagating Plants		KEY STAGE	2	Date	08/10
LINKS	NATIONAL CUR.	SCIENCE Sc2 3A,B,C,D				
	QCA	SCIENCE 2B PLANTS AND ANIMALS, 3B HELPING PLANTS GROW, 5B LIFE CYCLES				Page 1 of 1

Learning objectives	Structure	Plenary
<ul style="list-style-type: none"> To learn how light, air, temperature and water affect plant growth. To understand that the emerging roots will hold the young plant in the soil and supply it with water and nutrients for further growth. To understand how seeds germinate (Sc2 3a,b,c,d) <p>Assessment questions</p> <ul style="list-style-type: none"> How does a plant spread itself naturally ? 	<p>Introduction</p> <p>We discuss parts of a plant and how different parts can grow into complete plants given the right treatment or conditions.</p> <p>What is propagation and why is it important ?</p> <p>We discuss the different ways in which it happens naturally.</p> <p>Activity 1</p> <p>In the garden we look around to find plants which seed themselves, layer themselves, spread sideways.</p> <p>Activity 2</p> <p>In the nursery, we look at the different ways in which our gardeners propagate plants, using cuttings, seeds, layering, propagation benches, mist benches, etc.</p> <p>Activity 3</p> <p>Back in the classroom, the children learn how to sow seeds, take cuttings, split large plants and layer. Each children will take away four pots of propagated plants and the skills to continue in their school and family gardens.</p> <div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p>Key vocabulary:</p> <p>Propagation, seed, cutting, layering, spreading, sowing</p> </div>	<ul style="list-style-type: none"> What is propagation ? Name four ways you can propagate plants. <p>Resources:</p> <ul style="list-style-type: none"> Pots Compost Labels Seeds Plants: grasses for splitting, Streptocarpus for leaf cuttings, thyme and sage for cuttings Carry trays Aftercare instructions