## Year 3: Plants Knowledge Mat

Subject Spe	ecific Vocabulary	Interesting Book	Sticky Knowledge
roots	The root is the part of a plant that typically lies below the surface of		about plants
stem	the soil.The stem is the plant axis that bears buds and shoots with	NIGHT THAT GREW	Trees are more than just part of our natural landscape. They provide shelter and food for wildlife.
nutrients	Nutrients are the food the plant	GARDENER	Trees absorb carbon dioxide and produce breathable air.
nomenis	wants. Most of the plant's nutrients comes from the soil.		A large tree can consume 100 gallons of water out of the ground in one day.
pollination	Pollination is the act of transferring pollen grains from the male anther of a flower to the female stigma.	Important facts to know by the end of the plant topic	Trees not only do they provide shade in the summer, but serve as a windbreak in the winter, too.
seed dispersal	Seed dispersal is the movement or transport of seeds away from the parent plant.	<ul> <li>Know the function of the different parts of the flowering plant</li> <li>Identify and know the names of:</li> </ul>	The oldest known living tree is 4,800 years old.
fertiliser	Fertilisers are used to increase the rate of a plant's growth.	stem; roots; leaves and flowers	Trees are able to communicate and defend themselves against
seed	A <b>seed</b> is a small baby <b>plant</b> enclosed in a covering called	grow Grow that light, air, water,	attacking insects.
formation	the <b>seed</b> coat, usually with some stored food.	nutrients from soil are all important for plant growth	Several centuries ago in Holland, tulips were more valuable than gold.
stigma	The stigma is usually sticky and receives pollen.	<ul> <li>Find out how water is transported within a plant</li> <li>Know the part that flowers play in the life cycle of a flowering plant</li> <li>Know about pollination, seed formation and seed dispersal</li> </ul>	Some plants such as orchids do not need soil to grow-they get all of their
anther	The stamen has a pollen producing structure at the end which is called the anther.		nutrients from the air.  Broccoli is actually a flower.
soil	The soil has water and nutrients that a plant needs to grow healthily.		,

