

Year One Subject Science (classifying plants) Topic — Growth and Green Fingers

Key Facts Diagram/Investigations Plant a bean or a seed and watch it grow. Record A plant is a living thing and has a life cycle your observations in a diary. Plants need water, light, space and nutrients to grow. Flower Go on a wild plant hunt! Create a tally chart to A wild plant will grow by itself, it does not need to be cared for show how many of each plant you have found and and if it grows somewhere unwanted it may be a weed. then use the information to answer questions. Evergreen trees have green leaves all year round. Their leaves Plant some garden plants, care for them and watch are thick, waxy and narrow like needles. them grow. Deciduous trees lose their leaves in the autumn. Their leaves are Go on a tree hunt - what types of trees can you see? Collect fallen leaves and identify which tree generally broad, flat and have veins running through them. Stem they came from using pictures to help you. Sort the When plants are grown for food, this may be called a herb leaves between deciduous and evergreen trees garden or a vegetable patch. Label the parts of a plant showing where the leaves, Farmers can farm both animals and crops. There are different Root flowers (blossom), petals, fruit, roots, bulb, seed, kinds of farm for different produce e.g. dairy, grain, citrus. Land trunk, branches, and stems are. used for crop farming is called 'arable'. Books to support/ Key Learning: Prior Learning: Enrichment Opportunities: Tend to gardens in outdoor area Visit to Lovania Nurseries Understand what a plant needs in order to grow well Plants can grow. Talks from local farmers in our community Know the basic parts of a plant Deciduous trees lose their leaves in the Grow seed potatoes donated from local potato farmer Identify and name a variety of common wild and garden autumn and winter. plants Plants provide food and habitats for Identify and describe the basic structure of a variety of animals common flowering plants and trees Know about different sources of food grown by farmers Understand the difference between evergreen and deciduous plant

Subject Specific Vocabulary	
Key word	Definition
bulb	A root shaped like an onion that grows into a flower or plant.
crop	The name given to vegetable, cereal or grain that is grown to sell.
deciduous	A tree that loses its leaves in the Autumn every year.
evergreen	A tree or bush which has green leaves all the year round.
flower	The part of a plant which is often brightly coloured and grows at the end of a stem.
fruit	Made by plants and usually come from flowers, we eat fruit and they are healthy.
grain	Wheat or other cereal grown to be used as food.
leaf	The parts of a tree or plant that are flat, thin and usually green.
root	The parts of a plant that grow under the ground.
seed	The small, hard part from which a new plant grows.
stem	Stick-like central part of a plant that grows above the ground from which leaves grow