

Team 1 - Knowledge Organiser – ‘Let’s Grow’

What you should know already: From previous learning in Science you should know about similarities and differences in relation to places, objects, materials and living things. You should be able to talk about the features of your own immediate environment and how environments might vary from one another. You should also be able to make observations of animals and plants, explain why some things occur and talk about changes. In Computing, you should know how to use a touch screen, open new apps and take a photo using an iPad.

Top Ten Vocabulary

observe	to watch what is going on and make comments
seed	found inside or on a plant or fruit which can grow new life
bulb	grows underground to form new plants and vegetables
temperature	how hot or cold something is
light	stimulates sight and makes things visible
nutrients	a substance that is needed for healthy growth, development and living
sewing	the activity of making something using a needle and thread
running stitch	a simple needlework stitch consisting of a line of small even stitches which run back and forth through the cloth without overlapping
cross stitch	a stitch formed of two stitches crossing each other
clay	an earthy material that can be easily shaped and molded when wet

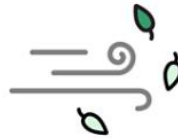
Synopsis

This term we will be focusing on the theme of ‘Let’s Grow’ with a Science, Art and Design and Technology focus. The children will be conducting a scientific investigation to observe how factors such as water, light and temperature affect plant growth. In Art, the children will be learning about Georgia O’Keeffe, a famous modernist artist who painted flowers. The children will design and make their own flower tiles out of clay and paint them with acrylic paint. In DT, the children will be learning how to sew using Binka. They will be creating their own bookmarks.

A plant needs some essential things to grow successfully.



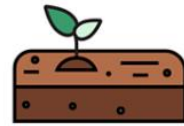
Light



Gases from the air



Room to grow



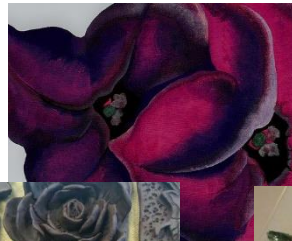
Nutrients



Water



Correct temperature



Key Knowledge

Plants need the right amount of warmth, light, water and nutrients in order to grow properly.

A seed is found inside or on a plant and fruit. It is the part that can grow into a new plant.

A bulb is the name given to the underground bud or stem of a seed plant at resting stage.

Every single seed has the beginnings of a new plant inside it, along with a little store of food to help it to grow. A bulb lets the plant rest underground over the winter when it is too cold, then grow back later in the year when the conditions are right.

Georgia Totto O’Keeffe was born on 15th November 1887 in Wisconsin, USA. Georgia began experimenting with painting close up views of flowers. She used oil paints in vibrant, bold colours.

