

Science

Plants

Understand that each structure in a flowering plant has a function eg, roots, stem, leaves and flowers.

Understand and investigate how water moves through a plant.

Explore how a plant needs air, light water and nutrients from the soil and how this varies from plant to plant.

Explore the part that flowers play in the life cycle of flowering plants including pollination, seed formation and seed dispersal.

To able to work scientifically

Light

Understand that they need light in order to see thing and that dark is the absence of light.

Notice that light is reflected from surfaces.

Recognise that light from the sun can be dangerous and that there are ways to protect their eyes.

Recognise that shadows are formed when the light from a light source is blocked by an opaque object.

Investigate and find patterns in the way that the size of shadows change.

To able to work scientifically

By the end of the topic children will be able to

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Computing

Set up a graph with a given number of fields; enter data for a graph; solve a maths investigation and present results in a range of graphical formats.

Growing



Art

Explore the work of Georgia O'Keeffe.

Begin to compare the work of their chosen artist.

Create collages, both individually and as part of a group using different materials explaining why they have chosen them.

Add relief to collage using textiles, straws, thread, paper etc.

DT

Design a mobile in the style of Alexander Calder. With support, model ideas by creating prototypes. Explain how different part of their mobile work. Select materials and components for their work. Work safely with a variety of tools.

RSHE

Recognise the ways in which they have changed from being babies to now.

Know the names of the sex organs.

Understand how they are changing in terms of independence etc.

Literacy

Write letters and an explanation text where all relevant features of the genre are evident.

Begin to use paragraphs.

Sustained form – person and time (consistent use of tense)