

Science - Summer 1.

- To be able to observe closely.
- Identify and name a variety of plants, including deciduous and evergreen trees.

What do plants need to grow?

We started off by talking about what plants needed to grow and decided that they need: sunlight, water, soil and some other things like shelter and space to grow.

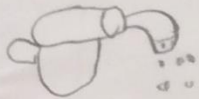
We planted garlic cloves and radish seeds for us to keep a diary of over the coming weeks.



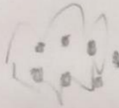
Equipment 7th May 2021



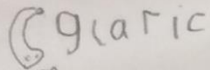
Soile Soil ✓



Watering can



Radish seeds.

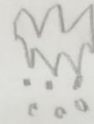


Plant pot

What Do Plants Need.



Sunlight ✓



Water ✓



Soil.

Here air

grows why?

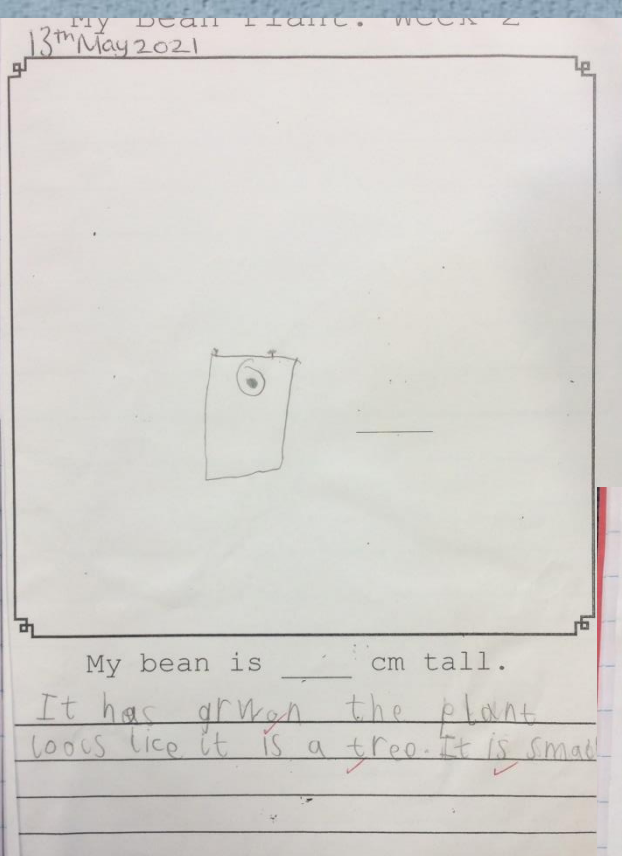
"That's how they get their water"

Things Plants Need to Grow

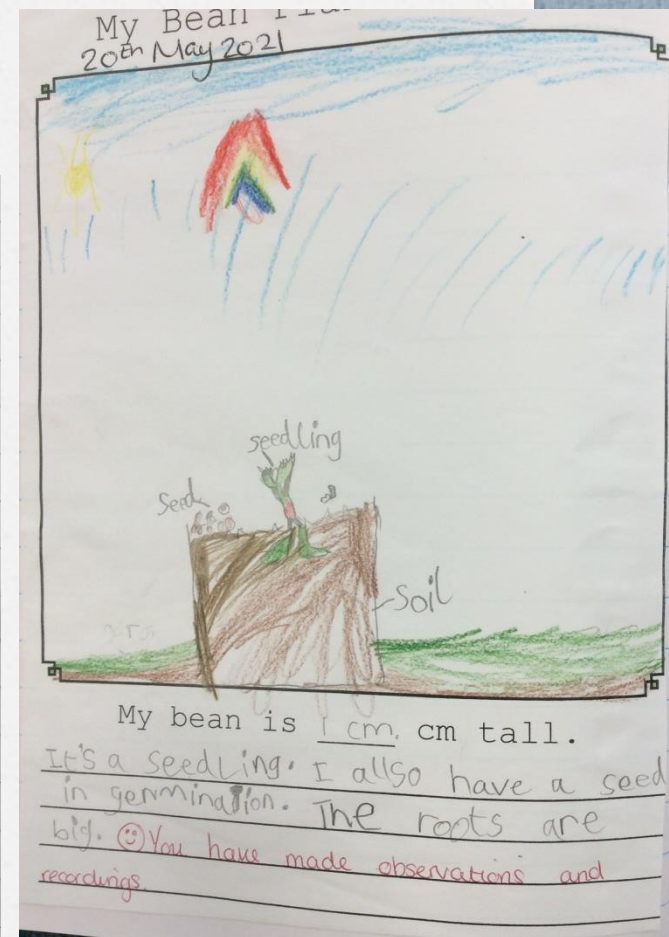
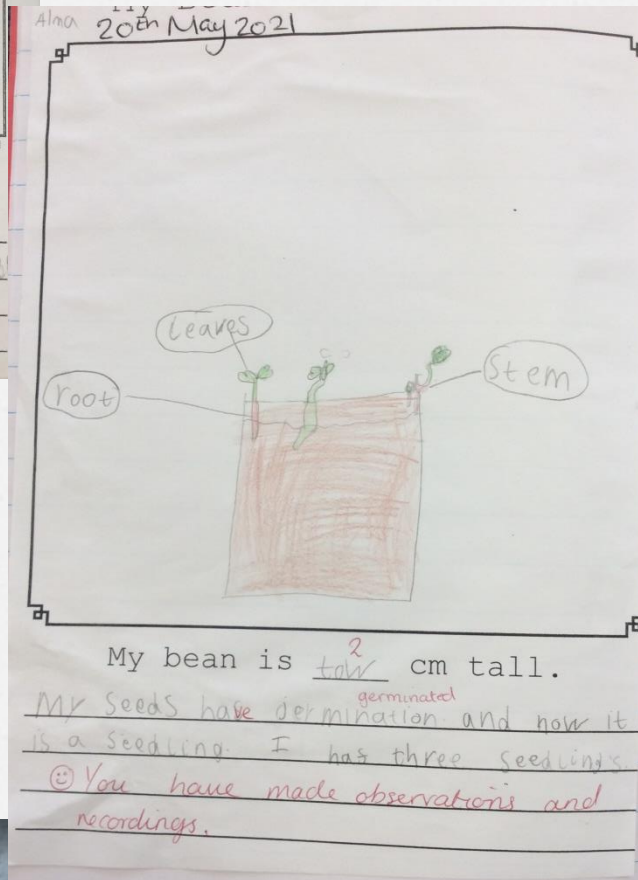


twinkl.co

Archie – Year 1.

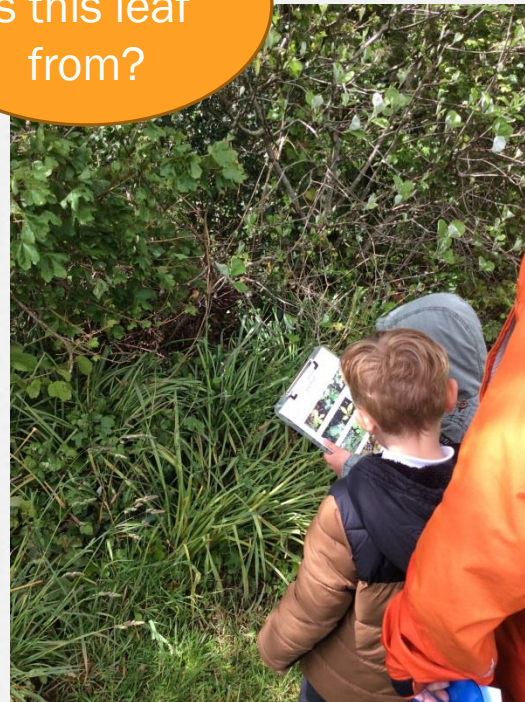


We have been keeping weekly observations and exploring what stage of growth they are at. They started as seeds and then germinated before becoming little seedlings.





What tree
is this leaf
from?



I think this is
a sycamore
leaf.



One week we explored all of
the different types of
plants that we knew and
another week we went on a
tree hunt around our school
field and used a sheet to
tick off and identify the
different trees around us.

Checking how much they had
grown.
From this..



To this!





Our Endpoint

Our completed plant growth diary.

Forever Facts

All plants need water to grow. Without water, seeds and bulbs will not germinate.

All plants need light from the sun to grow well. Some plants need lots of sunlight and some plants only need a little sunlight.

Some plants like cooler temperatures and some plants like warmer temperatures.

Plants make their own food in their leaves using sunlight – this is called photosynthesis.

Roots take in water and nutrients from the soil and keep the plant in the ground.

The stem holds the plant up and carries the water and nutrients from the roots to the leaves and the flowers.

When a plant sprouts, it grows new shoots. A shoot grows upwards from the seed or plant to find sunlight.

A wild plant seed grows where it falls. It does not need to be planted or cared for as it grows.

Garden plants are plants that people choose to grow in their gardens.

A deciduous tree loses its leaves each year and an evergreen tree keeps its green leaves all year round, even in the winter.

SMSC

Spiritual: Show a sense of enjoyment and fascination in our learning.

Social: Understand the consequences of our behavior – safety rules for carrying out investigations.

Exciting books



Subject Specific Vocabulary

seed	A seed is the part of a plant that grows into a new plant.
germinate	When the conditions are right, the seed soaks up water and swells and the tiny new plant bursts out of its shell.
life cycle	A life cycle is a course of events that brings something into life.
bulb	A bulb is the part of a plant that grows into a new plant.
fruit	Fruit contains the plant's seeds.
diagram	A picture that helps someone to understand something.
prediction	a guess about what you think is going to happen
observation	seeing something and making notes about it
investigation	carrying out a careful search for answers to a question

Skills

Make observations, ask and answer questions.
Carry out simple investigations and make predictions.
Record in different ways including labelled diagrams.
Begin to use scientific vocabulary.