

Subject: Science & Geography	Year Group: 1	Ongoing through year
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Study Block: Plants, Seasonal Changes & UK Weather

What should I know already? Diagram / Map / Photo etc...

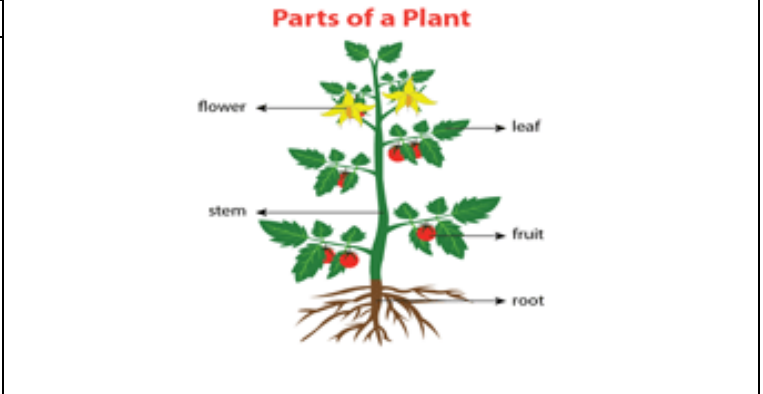
- Plants are living things that grow.
- There is a difference between a tree and a flowering plant.
- There are seasonal differences, i.e. it is warmer in Summer and colder in winter.
- I wear different clothes depending upon the weather.



What will I know by the end of the unit?

Seasons & Daily Weather (to be taught in all terms)

- I will know there are four seasons: Spring, Summer, Autumn and Winter.
- I will know which 3 months are in each Season.
- I will know that there is more sunlight in a day during the summer months than in the winter.
- I will know, observe and describe different weather conditions for each season.
- I can say what I might need to wear during each season.



Plants

- I will know how to identify and describe the basic structure of a flowering plant (roots, stem, leaves, petal, bud) and a tree (trunk, branch, leaves, needles).
- I will know how to identify and name some deciduous and evergreen trees (oak, chestnut etc.)
- I will know that some trees and plants are deciduous
- I will know that some trees and plants are evergreen.

Winter Term

- I will know how to identify the seasonal changes from Autumn to Winter.
- I will know how animals live in winter.

Spring Term

- I will know how to identify and name some common wild flowers (snowdrop, bluebell, daffodil, daisy, etc.)
- I will know how to identify and name some garden flowers (rose, tulip, lily, etc.)

Vocabulary

stem	Keeps the plant upright and supports the flower, leaves and roots.
root	Grow in the ground to keep the plant stable. They absorb minerals and water to help the plant grow.
Petal/flower	Colourful parts of the plant that make up a flower to help attract insects.
seed	A part of a plant or tree that can be eaten or planted.
fruit	Part of a flowering plant that contains the seeds and can be edible.
leaf	Make food for the plant by using sunlight.
trunk	The thick main stem of a tree.
branch	Grows from the main trunk of a tree.
bud	Small growth at the tip of a stem that grows into a flower, leaf, or branch.
needle	A pointed waxy leaf shaped like a needle.
deciduous	A plant that sheds leaves during autumn/winter due to less sunlight.
evergreen	A plant that stay green throughout the year.
seasons	Four different times during the year (Spring, Summer, Autumn, and Winter) with different types of weather. They are caused by how far the earth is from the sun.
weather	The daily condition of the atmosphere.
cloud	Small bits of water and ice in the air.

Skills I will have demonstrated

Rucksack Skills / PSED / School Promise / KAGAN	STEM/Subject Specific Skills
Kagan – rally robin and round robin – generate names of plants, trees, weather etc. Rucksack skills – Teamwork, stamina Juice, skills and strategies PSED – respect for the environment and living things.	Making deciduous and evergreen tree pictures. Making different types of clouds. Making flowering plants using tissue paper and pipe cleaners.