

Y2 Science – Plants

Knowledge

To understand that green plants are different in appearance, but they have the same structure.

To understand why it is important for a plant to spread its seeds.

To understand what it is meant by the words 'dispersal/disperse, pollination and seed.

To understand what beans need to grow and discuss the concept of hydroponics.

To plant a seed in different conditions and record its growth and discuss what might happen.

To understand what a plant needs to be healthy.

To understand the stages in a plant's life.

To make observations of different seeds and talk about their observations.



Cross Curricular links/Past knowledge

Previous knowledge

Year 1 Science – Plants - to identify common plants, name different parts of the plant, know about evergreen and deciduous plants.

Cross curricular links

Forest school sessions – exploring the orchard looking at the different plants that are growing in the allotment and the orchard.

Topic - The importance of trees - how trees change through the seasons.

The World around us - Comparing the UK with the Antarctic and talk about what trees need to help them grow.

Vocabulary

seed, disperse, wind, pollination, bulb, hydroponics, water, warmth, nutrients, light, germination, parts of plant - stem, roots, flower, leaves, petals, predict, observe

Working Scientifically

- I am beginning to ask questions that lead to an enquiry.
- I can describe what happened & make some comparisons.
- I can use my observations and ideas to suggest answers to questions.
- I can use my observations and ideas to suggest answers to my questions.
- I can gather and record data to help me answer questions.
- I can identify and classify.