

ACORNS CLASS SCIENCE

EYFS

1. Plants

Grow some plants from seed and look after them. What happens if you forget to water them? What happens if you water them too much? What happens if you keep them in the dark?

2. Plant Parts

Are all plants the same? Collect different shaped leaves. Collect different shaped flowers. Collect and group different colours of flowers.

Make a flower potion or scent using water and flowers.

Make a flower necklace or use some willow or grass and weave a crown or armband.

Can children identify some flowers e.g. daisies, tulips, roses?

Y1

1. Growing Plants

Watch how plants grow from seeds or small plants. You could measure how tall they grow every few days. What is different between a bulb and a seed?

Watch a youtube video of plants growing from seeds and how they change. e.g. <https://www.youtube.com/watch?v=w77zPAAtVTul>

2. Collect different flowers

What do all flowers have in common? Have a look. Can you name some of the parts?

Which coloured flowers attract the most insects? You can test this out by cutting out 3 flowers from different coloured papers (make them at least a4 sized) and putting them out in the garden and watching and counting how many insects visit each paper flower over a 5-10 minute period. See attached sheet.

Y2

1. Growing plants

What do plants like best? Design a test to find out if plants like water or no water, light or no light, warmth or no warmth. You just need two of the same plant and watch them over a week or so. You can use weeds for this and pot them up.

2. Which parts of a plant do they really need? Using the same type of plant find out what happens if you remove all of its:

- a) flowers
- b) or leaves
- c) or stem
- d) or roots

What do you think will happen to the plants? Put them in pots and keep them happy with water and sunshine/ What happens? Find out why.

3. Flowers

Collect some flowers and look what is inside them. Find out why bees and butterflies are attracted to them.

Which coloured flowers attract the most insects? You can test this out by cutting out 3/4 flowers from different coloured papers and putting them out in the garden and watching and counting how many insects visit each paper flower over a 5-10 minute period. You could also keep a tally of butterflies, bees/wasps or other flying insects. Choose a very sunny day for this and maybe ask for someone else to help look too. See attached sheet