

Bea's Brilliant Botanical Breakdown

Join Bea the Bee on a garden adventure to discover how plants grow and thrive!

- The roots act like a straw, soaking up water and essential nutrients from the soil to keep the plant hydrated.
- The stem acts as the plant's highway, transporting water and minerals from the roots up to the leaves and flowers.
- Leaves are like tiny solar panels that use sunlight, carbon dioxide, and water to create food for the plant.
- Flowers are the colourful part of the plant that helps it reproduce by attracting bees, butterflies, and other pollinators.
- Plants need five main things to grow healthily: sunlight, water, air, nutrients from the soil, and enough space.

Did you know? Did you know? Some plants can 'talk' to each other! When a plant is under attack by hungry insects, it releases special chemical signals into the air to warn nearby plants so they can prepare their defences.

Key vocabulary: Photosynthesis · Nutrients · Germination · Pollination · Stomata · Xylem