

The Incredible Journey of Plants with Bea the Bee

Buzz into action and discover the secret lives of plants!

- The roots anchor the plant firmly in the soil while absorbing essential water and mineral nutrients to travel up the stem.
- The stem acts as the plant's internal transport system, carrying water and nutrients to the leaves and flowers.
- Leaves are the food factories of the plant, containing chlorophyll which captures the sun's energy for photosynthesis.
- Flowers are designed for reproduction; they produce seeds to ensure the next generation of plants can grow.
- Pollination occurs when pollen is transferred from the stamen to the carpel, often helped by wind, water, or visitors like Bea!

Did you know? Did you know? Plants are the ultimate chemists! They use sunlight to turn water and carbon dioxide into their own food through a process called photosynthesis. While they do this, they release oxygen into the atmosphere, which is essential for almost all life on Earth to survive.

Key vocabulary: Photosynthesis · Germination · Pollination · Stamen · Carpel · Transpiration · Nutrients · Chlorophyll