

The plant food factory



Background knowledge

A plant needs sunlight, carbon dioxide, and water to make food. A green substance in plants called chlorophyll traps the energy from the Sun needed to make food. Chlorophyll is mostly found in the leaves of a plant. The leaf can be thought of as a food factory. Leaves of plants vary in shape and size, but they are always the plant organ best suited to capture solar energy. Once the food is made in the leaf, it is transported to the other parts of the plant such as the stem and roots.



The flower is very small.

Science investigation

Construct one model of pollen that would be carried by a bee and one that could be carried by the wind. Test them both out. You can act like the

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