

Photosynthesis Activity

Chlorophyll is the pigment that makes leaves green. It is also the part of the leaf that performs photosynthesis. This activity allows you to use chlorophyll to color your leaf green while also showing what happens to oxygen and carbon dioxide in the chlorophyll during photosynthesis.

Instructions

1. **Paint your leaf green with chlorophyll!** You can do this by collecting leaves or green plants outside, crumbling them up, and smearing them across the paper. The chlorophyll will stay on the paper and make your leaf green.
2. **Show what happens during photosynthesis.** Cut along the dotted lines and insert the slide tab into the chlorophyll. Pull the slide tab in the direction of the arrows to see the process of photosynthesis.

Cut Slide Tab along dotted line →



Carbon Dioxide
 CO_2

Oxygen
 O_2

