



Science Fair Projects

Pre-K to 2nd Grade

<p><u>Biology (photosynthesis)</u> “Black Out”</p>
<p>Purpose Bright, sunny days make us feel great! Bright, sunny days also make plants feel great. They use the sunshine to grow green and stay healthy. But what happens to a plant if it doesn’t get any sunshine?</p>
<p>Materials Healthy house plant, black construction paper, tape, scissors, and a record page.</p>
<p>Experiment Cut a piece of black paper twice the size as a leaf on the houseplant.</p> <p>Draw the leaf on the record page to show how it looked before the paper was taped on it.</p> <p>Fold the paper in half over the leaf and tape the edges. Leave the paper on for one week.</p> <p>After one week, carefully remove the construction paper. What does the leaf look like? Draw it on the record page.</p> <p><i>Results:</i> Leaves are little food factories for plants. A chemical called chlorophyll gives leaves their green color. It makes food for the plant. Without sunlight the chlorophyll is used up. The leaves will die.</p>

This project is from Daryl Vriesenga’s book, *Science Fair Projects, Grades 1-3*, Michigan, Schaffer Publications, 1992. The Guide is available on line at: SchooDoodle.com