

Name _____



Lights & Plants

Question: What happens to the chlorophyll in a plant when light is taken away?

Hypothesis:

Materials:

6 potted plants
Scissors

Aluminum foil

Paper clips

Procedure:

1. Cut a square from the foil large enough to cover $\frac{1}{2}$ of a leaf on the plant.
2. Attach the foil square to the leaf with a paper clip.
3. Leave the plants in a window so that they will receive plenty of sunlight.
4. Make and record observations about the leaves and the weather for 4 days.
5. On day 5, remove the foil and observe the leaves.
6. Draw and color a diagram of the leaf.
7. Put the plants back in the window for 4 more days. Make and record daily observations about the leaves.
8. On day 5 draw and color a diagram of a leaf.

Data:

Make a data chart to record your observations:

Data Analysis:

What effect did removing light have on the leaves?

Conclusion:

Look back at the original question and hypothesis. Write a short paragraph answering the question and describing how your hypothesis was either supported or not supported by the data.