

Learning Log:

Why Do Leaves Change Color? By: Betsy Maestro

1. What is the green color in leaves that helps them absorb sunlight? _____

2. Why are leaves important to trees?

3. How does having less light help the tree?

4. What makes the leaves fall from the tree?

5. What causes the leaves to change color?

Cut Here to hide Answer Key:

1. Chlorophyll
2. The leaves make sugar that feeds the tree. It helps the tree grow and is stored in the leaves.
3. The change in light tells the tree to get ready for winter. It will survive with less water and sunlight.
4. With less water and food for the leaves they die. Leaves need water to make chlorophyll and without chlorophyll they lose their green color.
5. The autumn leaves change color by the change in weather and light. Sunlight causes the leaves to be bright and too much rain makes the leaves dull.