

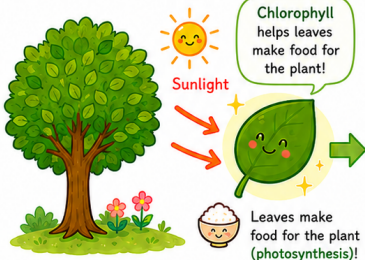
Leo and George's learning adventure



Why Do Leaves Change Color?

In Spring and Summer

Leaves are green because they have something called **chlorophyll**.



In Fall

When the days get shorter and colder, plants make less **chlorophyll**. As the green color fades away, other colors come out!



Quiz Time!

1 Circle the correct answer.
What makes leaves green?

- ☐ Water 
- ☐ Soil 
- ☐ Chlorophyll 

2 Circle the correct answer.
What does chlorophyll help leaves do?

- ☐ Help leaves fly 
- ☐ Make flowers bloom 
- ☐ Make food for the plant (photosynthesis) 

3 Match the season.
Draw a line to match.

Spring & Summer

Green Leaves 

Fall

Red, Yellow, Orange Leaves 

4 Choose the correct answer.
Why do leaves change color in the fall?

- ☐ The days get shorter. 
- ☐ It gets colder and there is less chlorophyll. 
- ☐ It rains more. 
- ☐ Trees stop making food. 

5 Circle the correct answer.
How do trees get through the winter?

- 1** They make food by photosynthesis. 
- 2** They use the food they stored during spring and summer. 