

More About Leaves

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When the _____ change color, it's almost as if the trees _____ off one costume and _____ on another. Later this costume flutters to the ground, and the tree _____ are winter bare. Scientist think that _____ get rid of things they can't use. After flowers have helped _____ new seeds for a plant, the _____ fall off. And soon after leaves have lost their green stuff – their chlorophyll – they _____ off.

A leaf's _____ uses sunlight to make sugar from water and carbon dioxide, a gas that is in the air. An interesting thing about plants is that they need _____ _____ to live and grow. When the leaves use carbon dioxide to make sugar, another gas, called _____, is left over. Because the _____ can't use the oxygen, it lets the _____ go – or we may say the plant throws it away.

Animals need oxygen to _____. Their bodies use the _____, and what do you think they have left over? If you guessed carbon dioxide, you're right. When animals _____ out, they let the _____ go – or throw it away. And so you can see that plants and animals help each other by _____ away what the other needs.

In the fall when a _____ loses its chlorophyll, its leaves may _____ yellow or red. The yellow was there all _____, but there was so much _____ that the yellow didn't _____ until the green went away.

Yellow leaves turn _____ only if they have lots of _____ in their juice, or sap, and the sunlight _____ on them. The more sugar a leaf has, the _____ it becomes.

If a _____ is kept in the _____, it will stay yellow even if it has a lot of sugar. Sometimes a red leaf may seem to have a small yellow leaf _____ on it. This happens when a _____ leaf next to it _____ the sunlight from it. That part of the red leaf that doesn't get any sunlight stays yellow. It's fun to _____ leaves, with all their different _____ and colors.