

## Photosynthesis

Hey there, it's a lovely sunny day today. So, I came down for a sunbath. Don't look at me like that! Didn't your teachers tell you that Sunlight is a good source of Vitamin D. Hey! Don't forget that we tree, and ..... make our food from sunlight! Yes, you're right Mr. Tree! Isn't the process called .....? Yeah. Come friends, let's learn about Photosynthesis today. Doesn't that sound like a big word? Well, don't be bogged down by it. I'll tell you what it means '.....' is a Greek word for Light and '.....' is a Greek word for 'Putting together'. Now, it's simple! Photosynthesis is using light to put things together! Plants use this ..... to make their food with the help of ....., ....., and ..... Did you know that plants breathe just like us? You didn't? Well, now you do! Plants have tiny openings called the Stomata, present in their ....., through which they take in carbon dioxide. Yes, they breathe in carbon dioxide and give out oxygen. They also use water and other nutrients to make food which is absorbed by their ..... The leaves contain tiny pigments called Chloroplasts. These pigments take in carbon dioxide, water, and sunlight, and turn them into ..... and oxygen. The sugar is then used by the plants as their food, and oxygen is given out into the atmosphere. This process as a whole is called Photosynthesis. Am I right, Mr. Tree? Yes, you are! Chlorophyll is a green pigment that is found in the chloroplast of the plant. It makes the plant look green. Plants are often known as the 'Lungs of the world' as they take in carbon dioxide and give out oxygen, which humans breathe! It's time for some more sunbath.