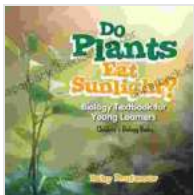


Do Plants Eat Sunlight?

Plants are living things that need food to survive. But unlike animals, which eat other animals or plants, plants get their food from the sun. The process by which plants use sunlight to make food is called photosynthesis.

Photosynthesis takes place in the leaves of plants. Leaves are green because they contain a pigment called chlorophyll. Chlorophyll is a molecule that absorbs sunlight. When sunlight hits a chlorophyll molecule, it gives the molecule energy. This energy is used to split water molecules into hydrogen and oxygen. The hydrogen is then used to combine with carbon dioxide to form sugar. Sugar is the food that plants need to survive.



Do Plants Eat Sunlight? Biology Textbook for Young Learners | Children's Biology Books by Baby Professor

★★★★☆ 4.2 out of 5

Language : English

File size : 3914 KB

Screen Reader : Supported

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The oxygen that is produced as a byproduct of photosynthesis is released into the atmosphere. This oxygen is essential for life on Earth. Animals and other organisms need oxygen to breathe.

Photosynthesis is a very important process. It is the process by which plants make their own food. It is also the process by which oxygen is

released into the atmosphere. Without photosynthesis, life on Earth would not be possible.

Here is a more detailed look at the process of photosynthesis:

1. Sunlight hits a chlorophyll molecule in a leaf.
2. The energy from the sunlight is used to split water molecules into hydrogen and oxygen.
3. The hydrogen is then used to combine with carbon dioxide to form sugar.
4. The oxygen that is produced as a byproduct of photosynthesis is released into the atmosphere.

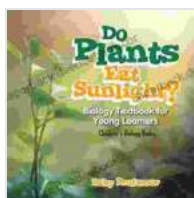
Photosynthesis is a complex process, but it is essential for life on Earth. It is the process by which plants make their own food and release oxygen into the atmosphere.

Here are some additional facts about photosynthesis:

- Photosynthesis only takes place in the presence of sunlight.
- The rate of photosynthesis is affected by the amount of sunlight, the temperature, and the availability of water and carbon dioxide.
- Plants use the sugar that they produce from photosynthesis to build new cells and tissues.
- Photosynthesis is the opposite of cellular respiration, which is the process by which organisms break down food to release energy.

I hope this article has helped you to understand the process of photosynthesis. If you have any further questions, please feel free to

leave a comment below.



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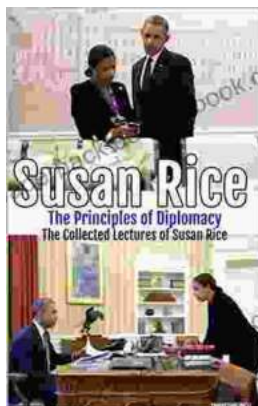
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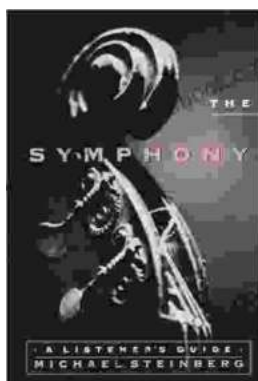
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