

Reading Guide for Understanding Photosynthesis Max Axiom, Super Scientist by Liam O'Donnell

Using your texts, fill in what you learn about the following concepts and answer the questions. Make sure you use words you understand

Photosynthesis: _____

What are the 3 “ingredients” plants need to make food?

Stoma/Stomata: _____

What are 3 functions of plant roots?

What is each molecule of water made of?

_____, inside the chloroplasts, captures energy from sunlight, which is used to split water apart.

After water is split, _____ mix with parts of carbon dioxide to make _____.

Plants release _____ into the air through their tiny stomata, which animals can then breathe in.

How are plants important to the water cycle?

Because plants are the only organisms that can take energy from the sun and turn it into food, they are called _____ in food chains.

How do plants survive long, cold winters without photosynthesis?