



The Sun's energy and light are used by producers to make food. Other organisms eat the plants and the energy is transferred to them.

Review the questions from “*Thinking about Photosynthesis*”:

1. What is sugar? **Food made by green plants.**
2. What raw materials do plants need to build sugar molecules? Where do these materials come from?
Carbon dioxide from the air. Water from the soil through plant roots, and energy from the Sun in the form of light.
3. What is the role played by chlorophyll?
It reflects green light and absorbs red and blue light. This light is used by plants to make food (sugar).
4. What are the products of photosynthesis? Where do they go?
The products are oxygen and water which are released into the air. The sugar is transported to other parts of the plant for food.
5. Where do plants produce food?
In green leaves.
6. Explain how the Sun's energy is transferred through a simple food chain?