

How do plants make food ?

Plants make their own food in their leaves. They do not get food from the soil or from water. The leaves can make food for the plant because they are green. The green chemical in a leaf is called CHLOROPHYLL. Plants make food in a process called PHOTOSYNTHESIS. Photosynthesis can take place slowly or quickly. It depends on the temperature of the air. Photosynthesis takes place more quickly when it is warm.

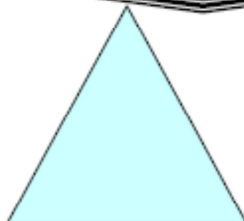
Here are the 4 things needed for photosynthesis to take place:



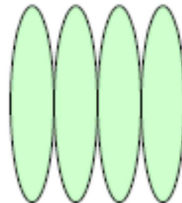
sunlight



water



carbon dioxide



chlorophyll

Now see if you can answer these questions with TRUE or FALSE.

1. Plants get food from the soil. _____
2. Plants make food in their green leaves. _____
3. Water gives the plant the food it needs. _____
4. It is the green chemical in leaves that helps make the food. _____
5. To make food a plant needs oxygen. _____
6. Chlorophyll is green. _____
7. Photosynthesis makes chlorophyll. _____
8. Photosynthesis is when the plants makes food in its leaves. _____
9. A plant needs water to make food. _____
- 10 The plant gets food from the sun. _____
- 11 Sunlight is needed for photosynthesis. _____
- 12 The speed of photosynthesis is always the same in a leaf. _____
- 13 The speed of photosynthesis depends on the temperature. _____
- 14 It needs to be warm for photosynthesis to take place quickly. _____