

## Photosynthesis

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Green plants are \_\_\_\_\_. This means that they can survive without \_\_\_\_\_. They need simple things like \_\_\_\_\_-dioxide and water and can make complex things like \_\_\_\_\_, starch, fat and proteins. When plants are in sunlight they can make a sugar called \_\_\_\_\_. The \_\_\_\_\_ gets trapped in a chemical called Chlorophyll. \_\_\_\_\_ is what makes the plant green. When plants use carbon dioxide and water to make glucose there is a lot of \_\_\_\_\_ left over.

(Fill in the gaps with these words.)

Sunlight

Sugar

Glucose

Chlorophyll

Oxygen

Carbon

Producers

Animals

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\_\_\_\_\_ + **water** ---- \_\_\_\_\_ ----- = \_\_\_\_\_ + **oxygen**

So photosynthesis needs:

\_\_\_\_\_

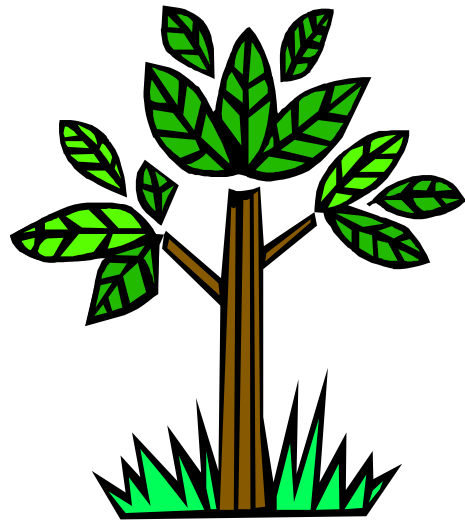
Light energy

Chlorophyll

Photosynthesis produces:

\_\_\_\_\_

\_\_\_\_\_



Photosynthesis is essential for \_\_\_\_\_ and takes place in

\_\_\_\_\_.