



Photosynthesis is a process used by plants and other living things to convert light energy into \_\_\_\_\_ energy that, through cellular breathing, can later be released to \_\_\_\_\_ the living thing's activities. Some of this chemical energy is stored in carbohydrate \_\_\_\_\_, such as sugars and \_\_\_\_\_, which are made from carbon \_\_\_\_\_ and water. Photosynthesis is mostly responsible for producing and maintaining the oxygen content of the Earth's atmosphere, and supplies most of the energy necessary for life on Earth. Although Photosynthesis is performed differently by different species, the process always begins when energy from light is absorbed by proteins called reaction centers that contain green \_\_\_\_\_ colours.

Dioxide	Molecules	Chemical
Fuel	Starches	Chlorophyll