Photosynthesis is a process where plants create their own (1.)\_\_\_\_\_\_\_\_\_\_\_\_\_\_ using sunlight. Plant leaves absorb red and blue (2.)\_\_\_\_\_\_\_\_\_\_\_\_\_ into their leaves, reflecting green light. This is why most plants are green in color. A chemical called (3.) \_\_\_\_\_\_\_\_\_\_\_\_ is found inside most plant cells. This is the substance that absorbs sunlight. Meanwhile, plants are absorbing (4.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (H20) through their roots and storing it within their cells. When the sunlight hits the water molecules, the water breaks apart into hydrogen and oxygen. Plants also take (5.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (CO2) through holes in their leaves, called stomata. This is a plant’s way of (6.) \_\_\_\_\_\_\_\_\_\_\_. When the carbon dioxide combines with hydrogen, a type of sugar called (7.) \_\_\_\_\_\_\_\_\_\_ is formed. This is a plant’s food, and it uses this energy to live and grow. The extra oxygen molecules are released back into the atmosphere.

***WORD BANK***

CARBON DIOXIDE

CHLOROPHYLL

GLUCOSE

BREATHING

FOOD

LIGHT

WATER

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