

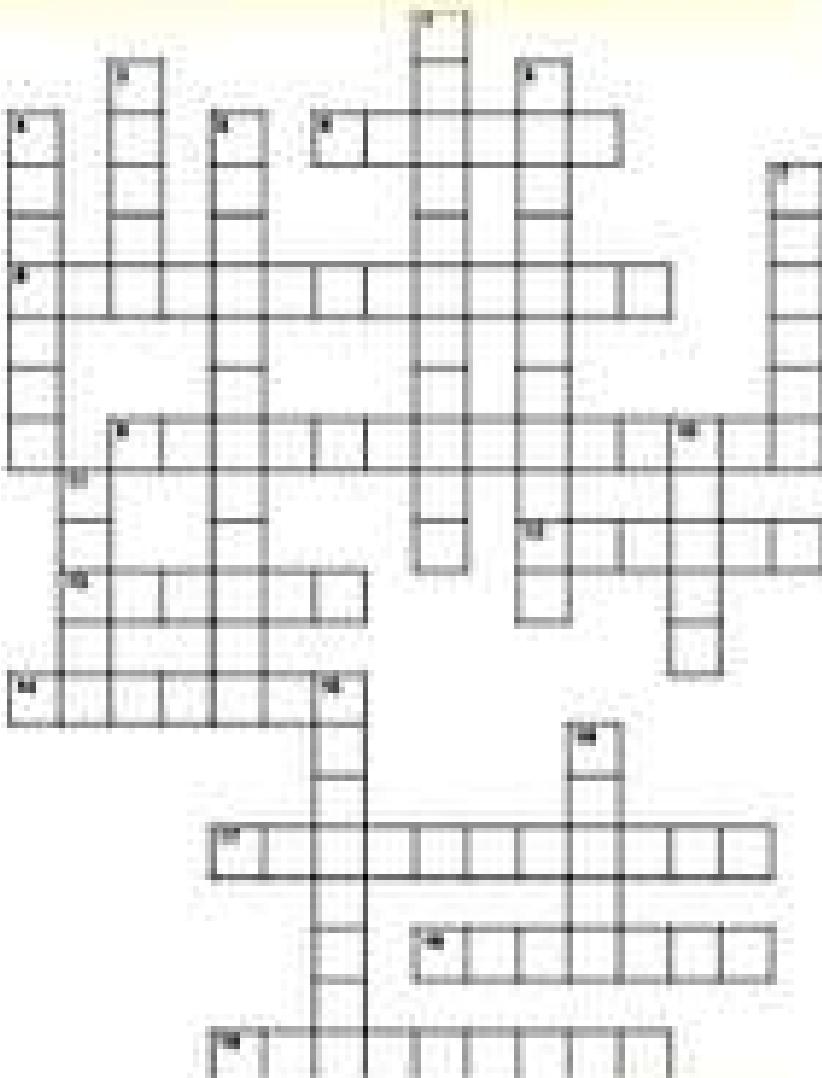
PHOTOSYNTHESIS

ACROSS

1. Tissue in plants that moves sugar downward from the leaves.
2. The substance plants take from the air during photosynthesis.
3. The process that takes place in a plant in which air, sunlight, and carbon dioxide are made into sugar and oxygen.
4. The gas that plants release during photosynthesis.
5. Plants have them to provide the plant with fuel.
6. Organisms that breath in oxygen and breath out carbon dioxide.
7. The structure in a plant that contains chlorophyll and is where photosynthesis takes place.
8. Small pores on the leaf or stem of a plant that allows movement of gases in and out.
9. The material within a living cell, excluding the nucleus.

DOWN

1. A green pigment, present in all green plants, that is responsible for the absorption of light to provide energy for photosynthesis.
2. Along with energy from the sun and carbon dioxide from the air, what is the third needed "ingredient" of photosynthesis?
3. The process by which animals breathe in oxygen and release carbon dioxide.
4. The name of the sugar that the plant makes during photosynthesis.
5. Cell structure where glucose is broken down to make energy.



7. Organisms that use water and carbon dioxide to make glucose in the process known as photosynthesis.
10. Glucose, sucrose, and fructose are examples of this.
11. The color of chlorophyll.
12. Plants use energy from the sun.
14. The tissue in plants that moves water and nutrients upwards from the roots.

