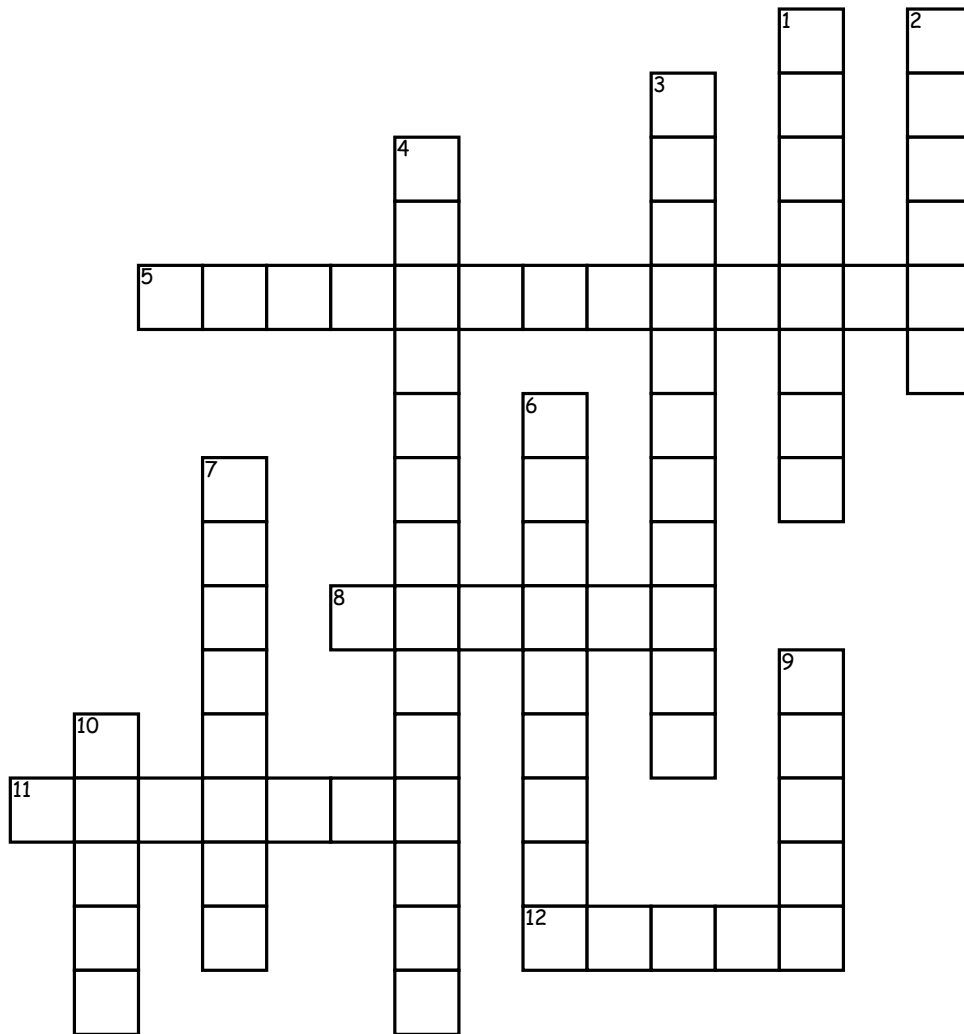


Producers



Across

5. a colorless, odorless gas produced by burning carbon and organic compounds and by respiration. It is naturally present in air (about 0.03 percent) and is absorbed by plants in photosynthesis

8. / the ability to do work and cause change in matter

11. / sugar made through the process of photosynthesis

12. another name for glucose

Down

1. light from the sun

2. a colorless, odorless reactive gas, the chemical element of atomic number 8 and the life-supporting component of the air.

3. a green pigment, present in all green plants and in cyanobacteria, responsible for the absorption of light to provide energy for photosynthesis

4. process by which plants use to make their own food

6. the part of the soil that helps plants grow and stay healthy

7. living organism that produces its own food by using energy and other products

9. a colorless, transparent, odorless, tasteless liquid that forms the seas, lakes, rivers, and rain and is the basis of the fluids of living organisms

10. / a living organism of the kind exemplified by trees, shrubs, herbs, grasses, ferns, and mosses, typically growing in a permanent site, absorbing water and inorganic substances through its roots, and synthesizing nutrients in its leaves by photosynthesis using the green pigment chlorophyll

Word Bank

water

chlorophyll

sugar

nutrients

glucose

oxygen

plant

photosynthesis

producer

carbon dioxide

sunlight

energy