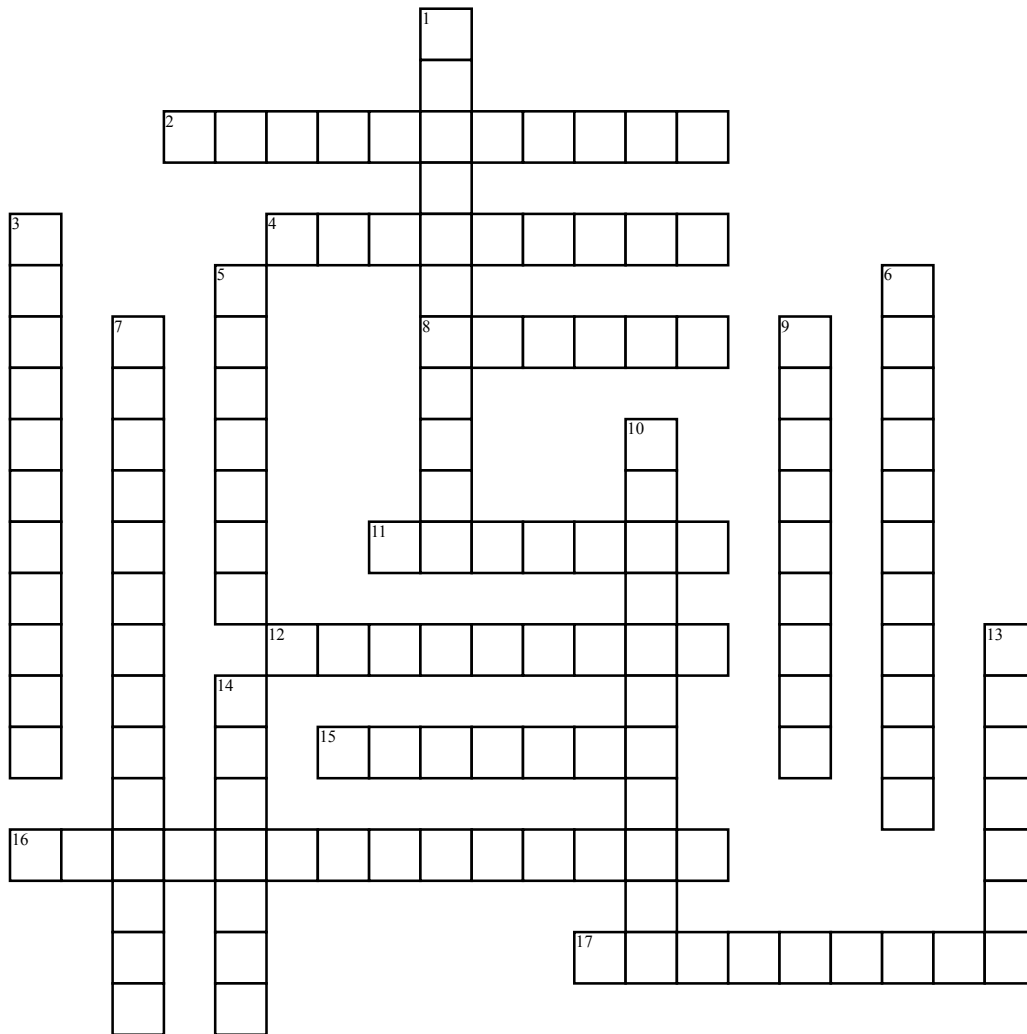


Science cross word



Across

- 2.** is any material of natural or synthetic origin that is applied to soil or to plant tissues to supply one or more plant nutrients essential to the growth of plants.
- 4.** specialized cells in the epidermis of leaves, stems and other organs that are used to control gas exchange.
- 8.** is a state of matter in which an ionized gaseous substance becomes highly electrically conductive to the point that long-range electric and magnetic fields dominate the behaviour of the matter
- 11.** is mainly made by plants and most algae during photosynthesis from water and carbon dioxide, using energy from sunlight.

12. involving interaction between two different organisms living in close physical association.

15. found in the epidermis of leaves, stems, and other organs, that facilitates gas exchange.

16. Plants that don't have sunlight make there food

17. When your exercising and not using oxygen then leads up to a build of lactic acid

Down

1. in the mesosomes of cyanobacteria, as well as in the chloroplasts of algae and plants.

3. a red protein responsible for transporting oxygen in the blood of vertebrates. I

5. is, a solid chemical compound that occurs naturally in pure form.

6. a plastid in green plant cells which contains chlorophyll and in which photosynthesis takes place.

7. process used by plants and other organisms to convert light energy into chemical energy that can later be released to fuel the organisms'

9. are compounds which do not contain carbon and are not derived from living matter.

10. Breathing

13. is food produced by methods that comply with the standards of organic farming.

14. When you are exercising and using oxygen

Word Bank

- | | | | | |
|----------------|-----------|-------------|-------------|-------------|
| photosynthesis | anaerobic | organic | respiration | Chlorophyll |
| stomata | Mineral | symbiotic | guard cell | Plasma |
| chloroplast | aerobic | haemoglobin | fertilisers | Glucose |
| chemosynthesis | inorganic | | | |