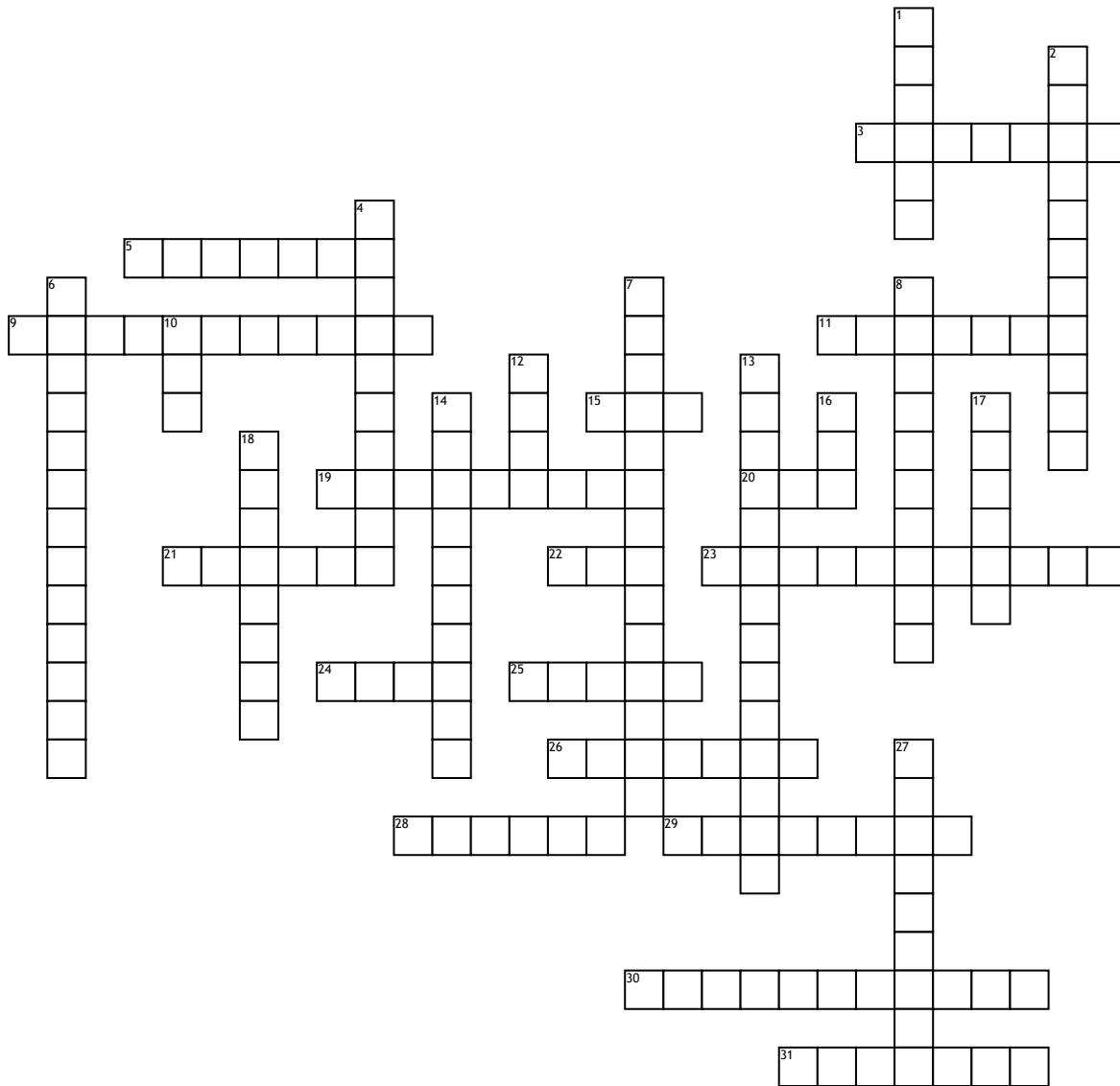


Science Vocab



Across

3. A simple sugar that is an important source of energy

5. Something produced in the making of something else BY

9. Process that realizes energy by breaking down glucose and other food molecules CELLULAR

11. The element and compound produced by a chemical reaction

15. The main energy source that cells use for most of their work

19. The elements or compounds into a chemical reaction on left side

20. Refers to gas or gases which make up less than 1% by volume of the earth's atmosphere TRACE

21. Change in the statistical properties of the climate system when considered over periods of decades CLIMATE

22. An atom or group of atoms that has positive or negative charge

23. A number in front of a chemical formula in an equation that indicates how many molecules and atoms

24. The law that states that mass cannot be created or destroyed LAW OF CONSERVATION OF

25. A measure how acid or basic a substance is PH

26. Nonliving thing in the environment

28. Changes in atmosphere levels of things such as greenhouse gases ATMOSPHERE

29. The process by which one or more substance change to produce one or more different substances CHEMICAL

30. The makeup of something

31. Small openings on the underside of a leaf through which oxygen and carbon dioxide can move

Down

1. Makes, creates, produces; stores arrow in chemical equation

2. Respiration that does not require oxygen ANAEROBIC

4. A mixture of gases that surrounds a planet or a moon

6. A chemical reaction that breaks down compounds into simpler products

7. Process by which plants and some other organisms use light energy to convert water and carbon dioxide into oxygen and glucose

8. A rapid chemical reaction between oxygen and fuel that results in fire

10. An ion made of two or more atoms POLYATOMIC

12. Any large area containing a large mass of ice that moves slowly over the land GLACIAL LAND

13. Cycle by which chemicals circulate through an ecosystem using biotic and abiotic components

14. An organism that breaks down wastes and dead organism

16. Gases such as carbon dioxide, methane, nitrous oxide, water vapor etc. GREENHOUSE

17. Living thing in the environment

18. A representation of a chemical reaction that uses symbols to show the relationship between the reactants and the products CHEMICAL

27. A biological community of interacting organisms and their physical environment