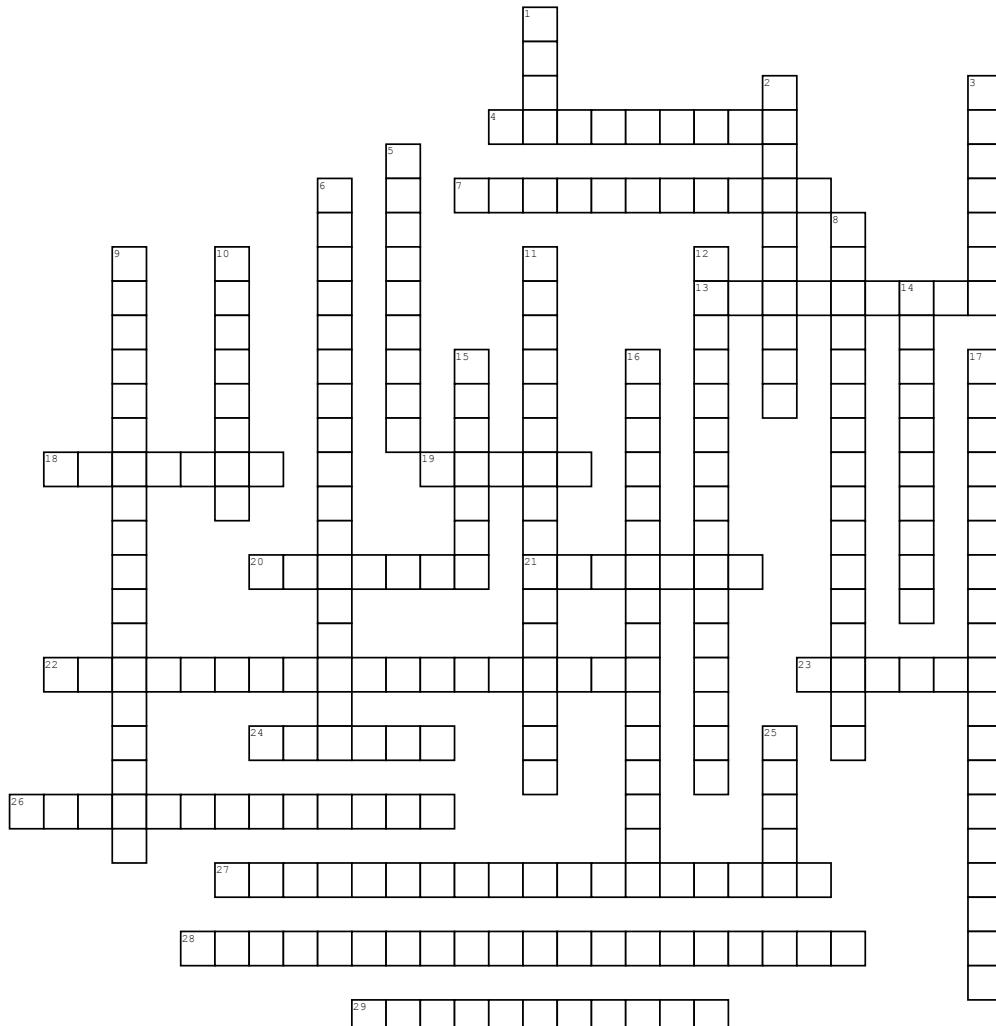


Name: _____

Date: _____

science skills and engineering design



Across

- 4. Science that deals with celestial objects, space, and the physical universe as a whole.
- 7. The taking of the altitude of the sun or another celestial body for navigational purposes
- 13. identification of the substances of which matter is composed
- 18. a system of knowledge about the natural world and the methods used to find that knowledge
- 19. the steepness of a line equal to the ratio of a vertical change
- 20. the science that deals with earth's physical structure and substance its history and the processes that act on it.
- 21. science concerned with the nature and properties of matter and energy
- 22. a mathematical expression used to represent a decimal between one and two
- 23. the amount of space that a subject or object occupies

- 24. the measurement or extent of something from end to end
- 26. statements that describe or predict a range of natural phenomena

- 27. something that responds to changes you've made in an experiment

- 28. a scientific test that is directly manipulated by a scientist

- 29. an instrument for measuring and indicating temperature

Down

- 1. a large body of matter with no definite shape

- 2. a supposition or proposed explanation made on the basis of limited evidence as a starting point

- 3. a decree of compactness of a substance

- 5. the quality, condition, or fact of being exact and accurate.

- 6. a relationship in which the product of two variables is constant

- 8. A scientific theory is an explanation of an aspect of the natural world that can be repeatedly tested

- 9. each of the digits of a number that are used to express it to the required degree of accuracy, starting from the first nonzero digit.

- 10. the closeness of measurement to the true value was measured

- 11. relationship between two variables which the ratio is constant

- 12. a method of procedure that has characterized natural science consisting in systematic observation

- 14. the application of science knowledge for practical purposes, especially industry

- 15. the study of living organisms

- 16. a ratio of equivalent measurements that is used to convert a quantity from one unit to another

- 17. the manipulated variable in an experiment

- 25. a three-dimensional representation of a person or thing

Word Bank

direct proportion	physics	observation	volume	controlled experiment
geology	model	conversion factor	biology	scientific law
astronomy	science	slope	technology	inverse proportion
hypothesis	manipulated variable	accuracy	length	significant figures
responding variable	mass	chemistry	scientific theory	thermometer
scientific notation	density	Scientific Method	precision	