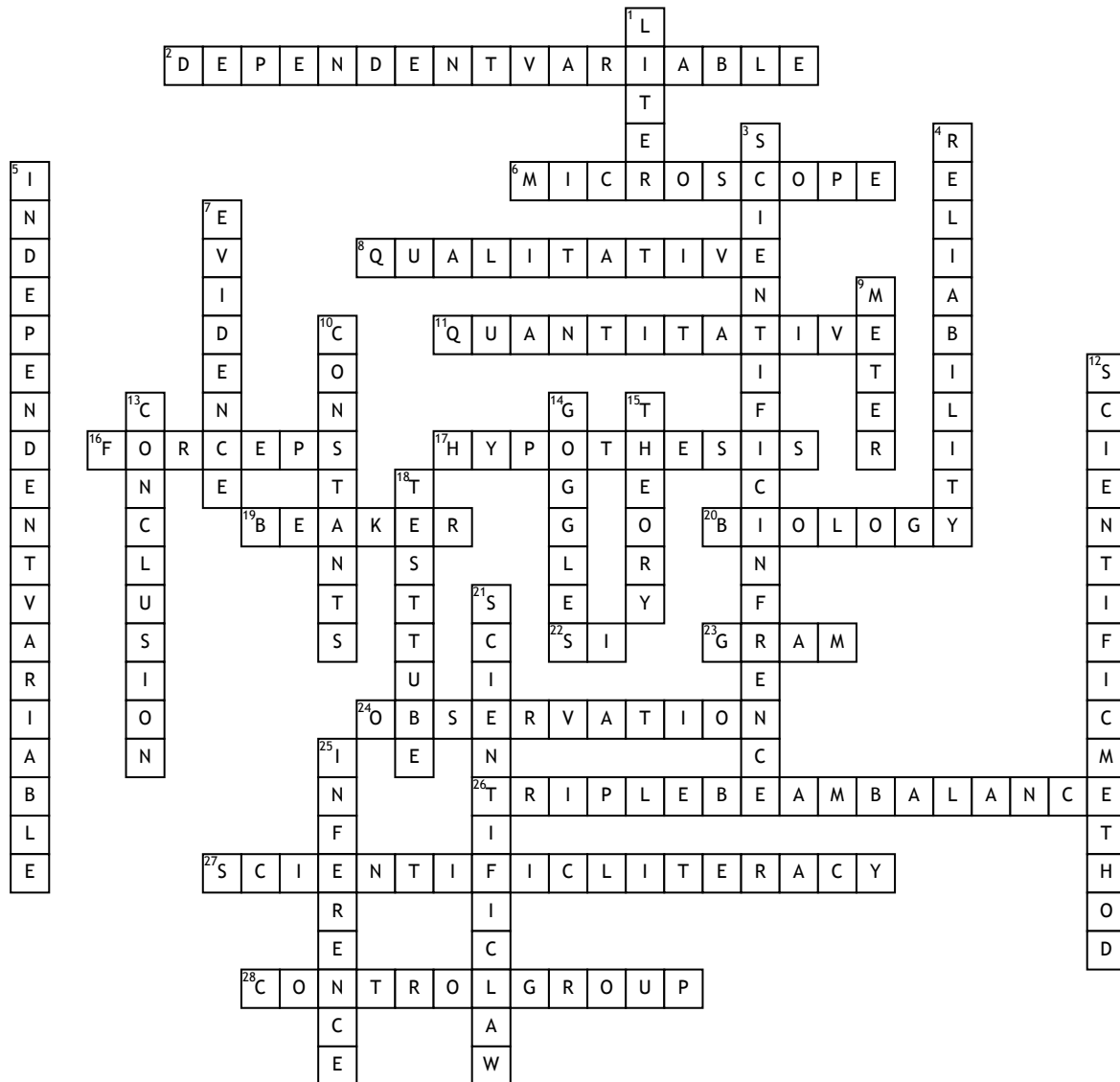


Vocabulary: Diversity of living things



Across

2. variable that is observed and changes in response to the independent variable
 6. An optical instrument that is used for viewing matter too small to be seen by the bare eye
 8. An observation that uses the five senses
 11. observations that deal with height, weight, and sizes of matter. (observations dealing with numbers)
 16. a pair of tweezers used in surgery or during an experiment in a lab
 17. possible explanation for a question yet to be answered
 19. a simple container used for stirring, mixing, and heating liquids
 20. Scientific study of life
 22. Modern form of the metric system based off of tens
 23. A metric unit of mass equal to thousandth of a kilogram

24. Process of noticing and describing events or processes in a careful and orderly way

26. Device used to measure mass in grams
 27. knowledge and understanding of scientific concepts

28. A group in an experiment that is exposed to the same conditions as everything else, but nothing is changed on purpose

Down

1. a metric unit of capacity
 3. The way scientists study the world and propose explanations for their findings
 4. The extent to which an experiment, test, or measuring yields the same results repeatedly
 5. A factor in a controlled experiment that is deliberately changed
 7. Information indicating whether a belief is valid or not
 9. The fundamental unit of length in the metric system, equal to 100 cm and 39.37 inches

10. Factor(s) that do not change in an experiment

12. A set of steps used by people conducting an experiment

13. Statement telling how your experiment that ended up and if your hypothesis was correct

14. form of protective eye ware used to keep unwanted matter out of your eyes

15. well tested explanation that unifies a broad range of observations that enables scientists to make accurate predictions

18. A thin glass tube closed at one end to hold small amounts of matter for testing experiments

21. Statement based on repeated scientific experiment that proves one conclusion causing it to be a constant

25. a logical interpretation based on prior knowledge and experiment