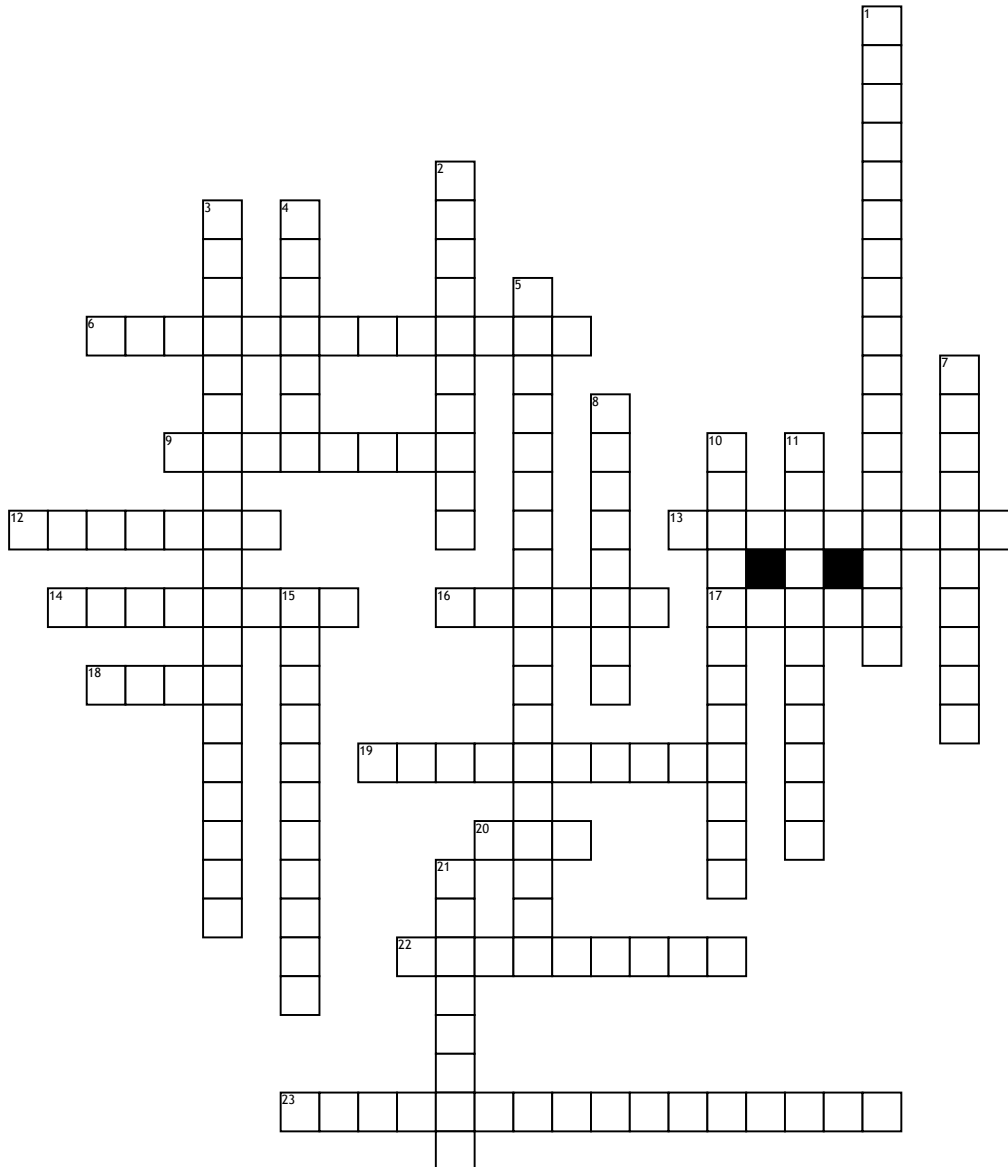


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# 2nd Quarter Science Word Puzzle Project



## Across

6. A search for an answer using and making sense of clues  
 9. A study of data for patterns, error and meaning.  
 12. A question to be considered, solved or answered  
 13. An organized chart on which to keep data about the independent and dependent variables.  
 14. Asks what it is that you want to test.  
 16. An accepted explanation of some aspect of the natural world; this concept is not yet verified as true.  
 17. Each test of an experiment  
 18. A collection of facts from which conclusions may be drawn.  
 19. Testing an idea or hypothesis through a controlled investigation

20. A generalization that describes recurring facts or events in nature; accepted as true throughout the scientific community.  
 22. Drawing a conclusion or making a logical judgment on the basis of observations.

23. A method of problem solving involving observation to test a hypothesis.

## Down

1. Change that occurs due to independent variables. The dependent variables answer the question "What do I observe?"  
 2. An educated guess that answers your question  
 3. Change that occurs in an experiment that is directly caused by the experimenter (you) The independent variable answers the question "What do I change?"  
 4. A standard against which other conditions can be compared in an experiment.

5. Anything else that could influence the dependent variables. The controlled variables answer the question "What do I keep the same?"

7. A judgment or opinion inferred from relevant facts; a final summary.

8. Background information that is needed to perform the experiment

10. Using the sense with tools for measuring and gathering numerical information.

11. Using the senses to gather information about the quality of something ; does not use numbers (ex: hardness, shape, color)

15. The act of making and recording measurements; the act of noticing or playing attention.

21. A part of an experiment that does not change