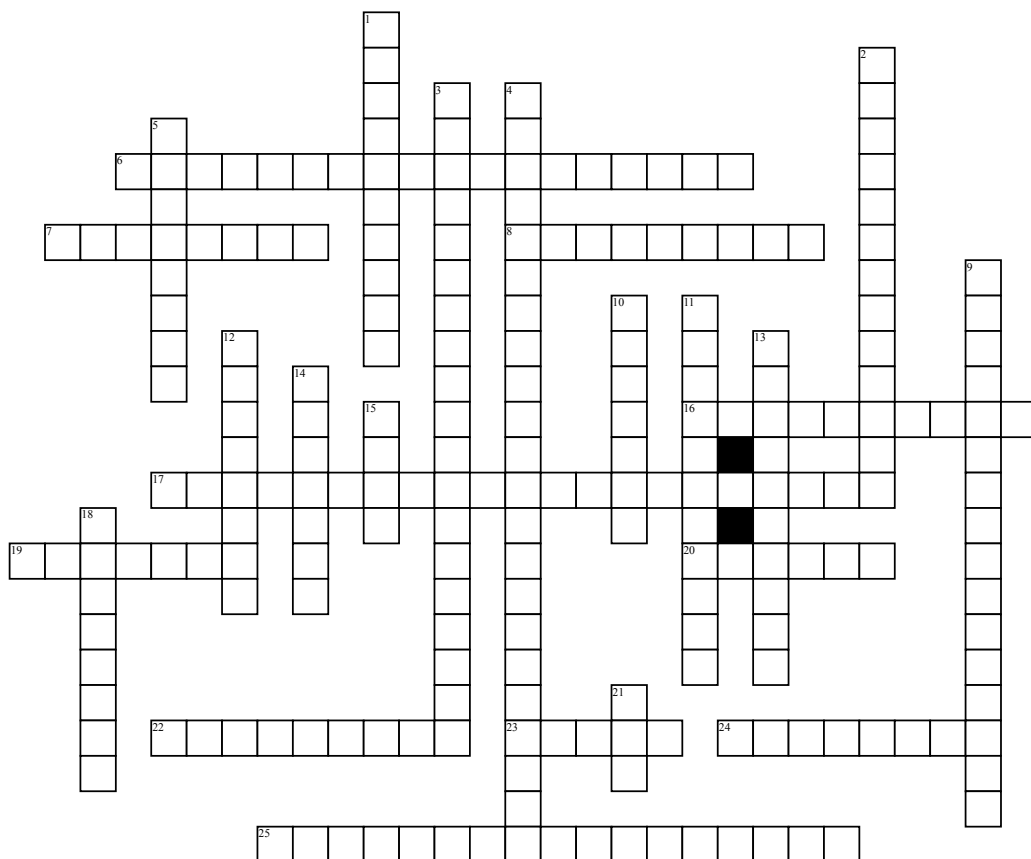


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Science unit



## Across

6. Anything else that could influence the dependent variable. The controlled variables answer the question “what do I keep the same?”
7. Asks what it is that you want to test
8. Drawing a conclusion or making a logical judgment on the basis of observation s
16. Testing an idea or hypothesis through a controlled investigation
17. Using the sentence with tools for measuring and gathering numerical Information
19. A standard against which other conditions can be compared in an experiment
20. And excepted explanation of some aspect of the natural world this concept is not yet verified as true
22. And organize chart on which to keep data about the independent and dependent variables

## Down

23. Each test of an experiment
24. Background information that is needed to perform the experiment
25. Change that occurs due to independent variables. Dependent variables answer the question “ what do I observe?”
1. I judgment or opinion inferred from relevant facts a final summary
2. Hey search for an answer using and making sense of clues
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. Using the senses to gather information about the quality of something; does not use numbers (ex.hardness,shape,color

## Across

5. A part of an experiment that does not change
9. A method of problem-solving involving observation to test a hypothesis
10. A question to be considered, solved or answered
11. The act of making and recording measurements; the act of noticing or paying attention
12. The factor being tested
13. An educated guess that answers your question
14. Moving the smell of air with your hands
15. A collection of facts from which conclusions maybe drawn
18. A study of data for patterns, error, and meaning
21. A generalization that describes a recurring facts or events in nature excepted as true throughout the scientific community

## Word Bank

Control	Hypothesis	Dependent variable	Analysis	Qualitative observation
Problem	Law	Quantitive observation	Conclusion	Independent variable
Research	Theory	Question	Variable	Scientific method
Controlled variable	Inference	Wafting	Constant	Trial
Data table	Data	Investigation	Experiment	Observation