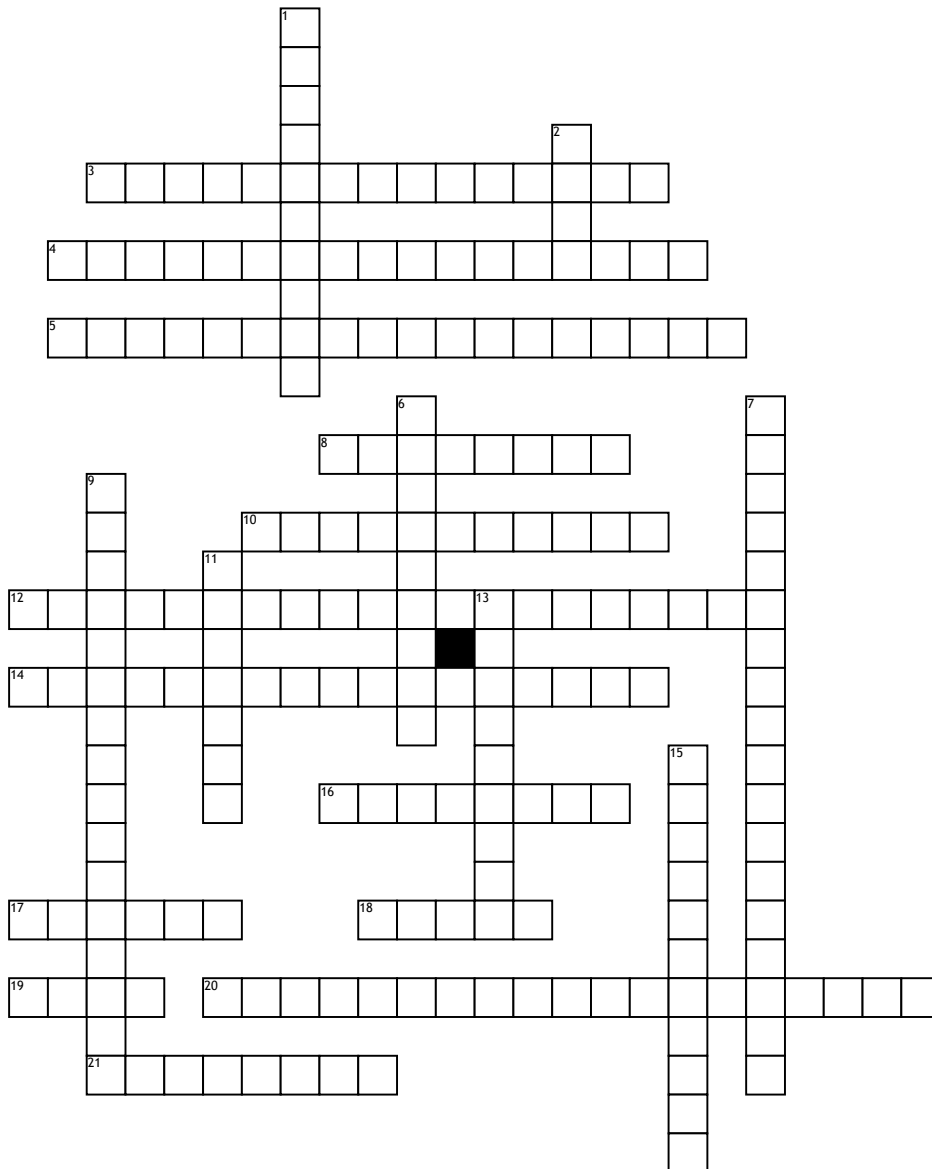


# The Scientific Method



## Across

3. data that is described in words.
4. factor in an experiment which changes because of the independent variable.
5. requires you to use a general truth to hypothesize particular events.
8. factor in an experiment that does not change.
10. a possible relationship between data or variables.
12. a test of the effect of a single variable by changing it while keeping all other variables the same.
14. a series of steps used to answer questions about the natural world.

16. altering or changing an idea in order to correct, improve, or update it.
17. well-tested explanation that unifies a broad range of observations.
18. a pattern of change.
19. prejudice in favor of or against one thing, person, or group compared with another, usually in a way considered to be unfair.
20. factor in an experiment that a scientist purposely changes.
21. how close a measured value is to the actual value.

## Down

1. possible explanation for a set of observations or possible answer to a scientific question.

2. evidence; information gathered from observations.
6. logical interpretation based on prior knowledge and experience.
7. allows you to draw on your observations of specific events to hypothesize a general trend.
9. data that is described in numbers.
11. group or individual used as a standard of comparison for checking the results of an experiment.
13. how close measured values are to each other.
15. use of one or more of the senses to gather information.