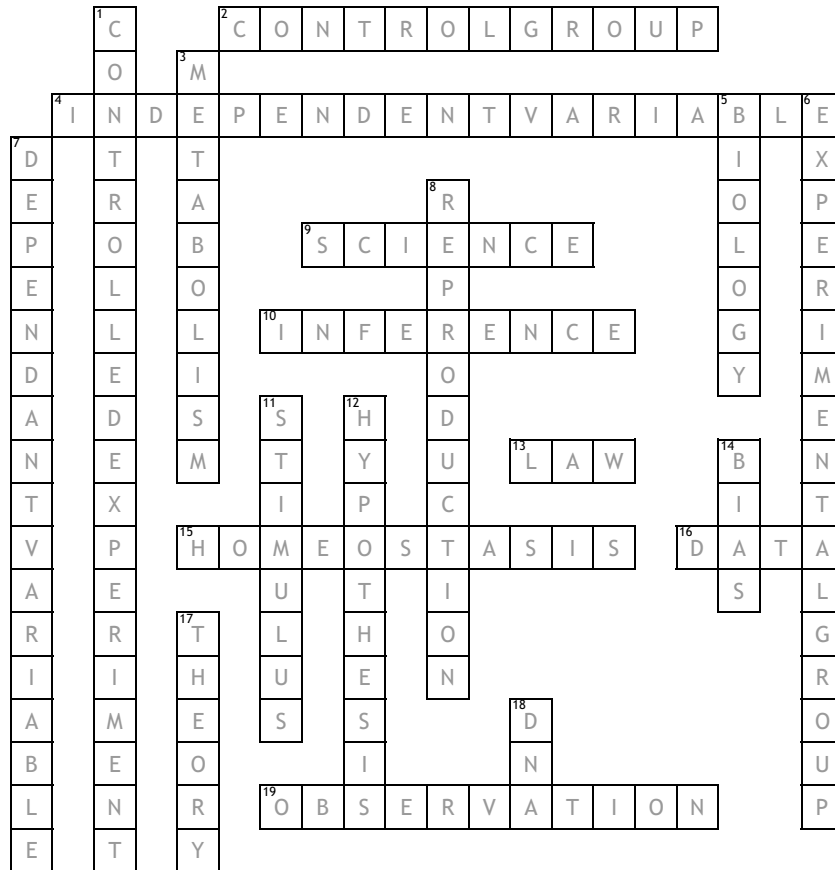


# Nature of science vocabulary



**Across**

- 2. The group in an experiment that is exposed to the same conditions as the experimental group except for the independent variable
- 4. The variable in an experiment that is deliberately changed
- 9. An organized way of gathering and analyzing evidence about the natural world
- 10. A logical interpretation based on what scientist already know
- 13. A well tested description of how something in nature works
- 15. A relatively stable internal environment to organisms must maintain even when the external environment is changing
- 16. Information that is gathered during experimentation and careful observation
- 19. The act of noticing and describing events or processes in a careful orderly way

**Down**

- 1. An experiment in which variables are carefully controlled so that scientist can you tell which variable is the responsible for the results
- 3. The combination of chemical reaction though which an organism builds up or breaks down materials
- 5. The branch of science that is concerned with living things
- 6. The group in an experiment that is expose the change of the independent variable
- 7. The variable in an experiment that is observed in response to the independent variable
- 8. A process that occurs so that organisms can produce new organisms
- 11. A signal to which an organism responds
- 12. A scientific explanation for a set of observations that can be tested in ways that support or reject it
- 14. personal preference that is personal rather than scientific
- 17. A well tested explanation that unifies a broad range of observations and hypothesis
- 18. A molecule processed by all living things so that they may live grow and reproduce