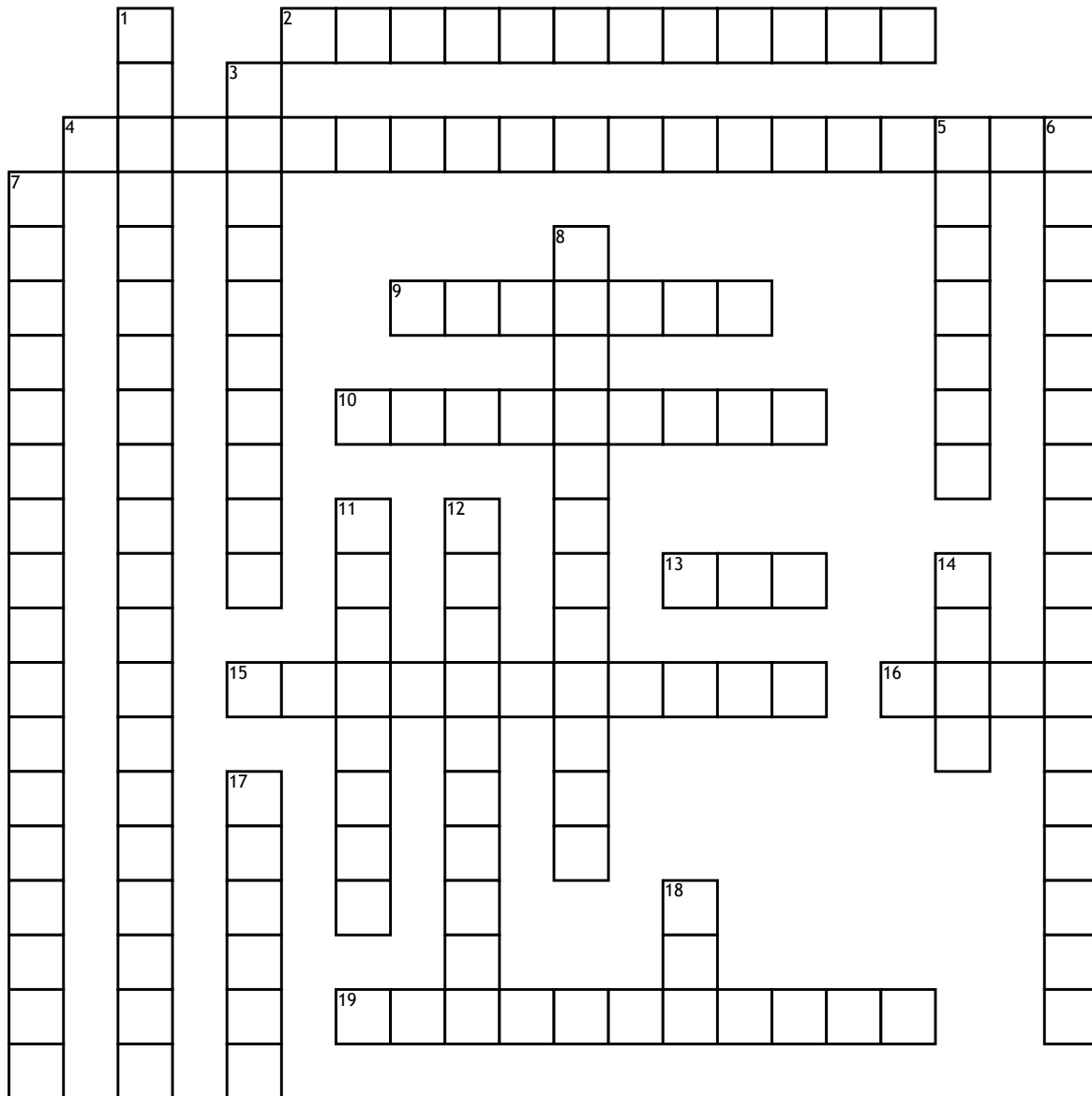


Name: \_\_\_\_\_

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

# 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