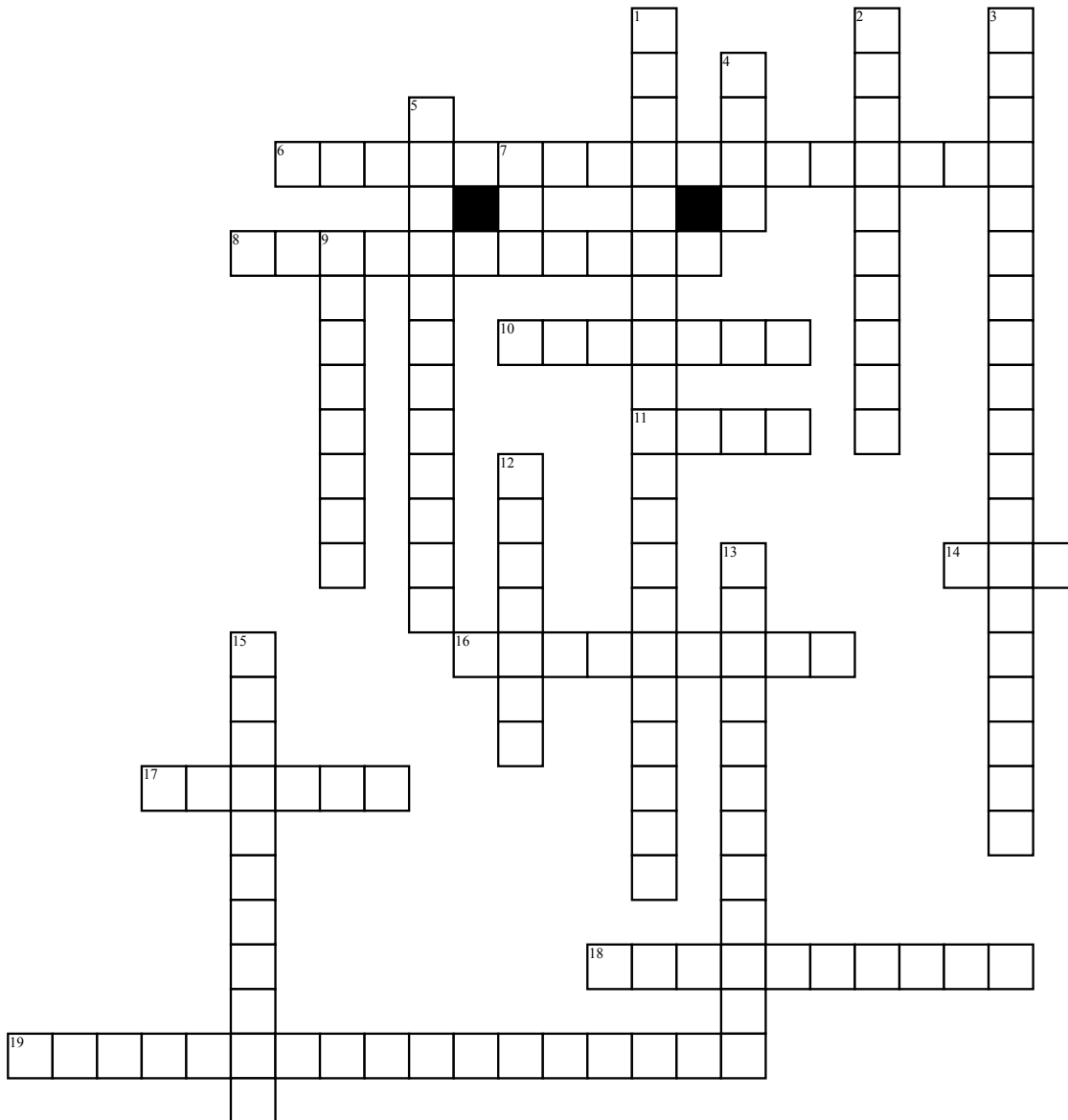


# Nature Of Science



## Across

6. The variable in the experiment that is observed in response to the independent variable

8. The act of noticing and describing events or processes in a careful, orderly way

10. The branch of science concerned with living things

11. Information that is gathered during experimentation and careful observation

14. A well tested description of how something in nature works

16. A logical interpretation based on what scientist already know

17. A well tested explanation that unifies a broad range of observations and hypothesis

18. A scientific explanation for a set of observations that can be tested in way that support or reject it

19. The group in an experiment that is exposed to the changes of the independent variable

## Down

1. An experiment that in which variables are carefully controlled so that scientist can tell which variable is responsible for the results

2. The combination of chemical reactions through which an organism builds up or breaks down materials

3. The variable in an experiment that is deliberately changed

4. A personal preference or point of view that is personal rather than scientific

5. A process that occurs so that organisms can produce new organisms

7. A molecule possessed by all living things so that they may live, grow and reproduce

9. A signal to which an organism responds

12. An organized way of gathering and analyzing evidence about the natural world

13. The group in an experiment that is exposed to the same conditions as the experimental group except for the independent variable

15. A relatively stable internal environment that organisms must maintain even when the external environment is changing