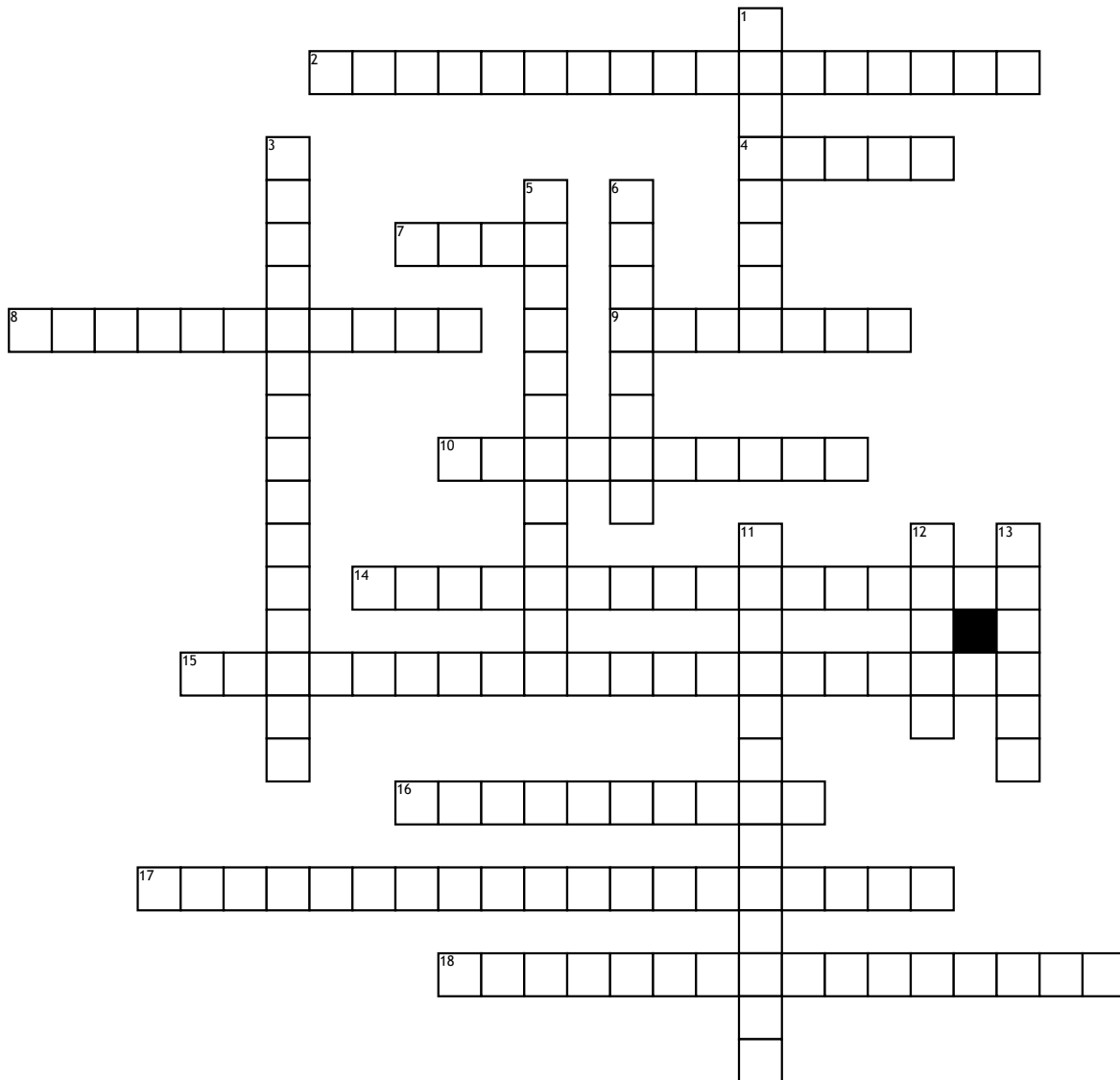


Name: _____

Date: _____

Nature of Science



Across

- 2. a variable that depends on what happens in the experiment when the independent variable is used
- 4. to make a conclusion based on what you observe
- 7. observations made in a scientific investigation
- 8. the study of living systems and the ways in which they interact
- 9. a way of learning more about the natural world
- 10. is the practical use of science in our everyday lives

14. an attempt to explain a pattern seen repeatedly in the natural world

- 15. involves changing only one part of an experiment and observing what that change does to another part of the experiment
- 16. a reasonable answer based on what you know and what you observe
- 17. a variable that is changed in an experiment
- 18. using what you already know and new facts to decide if you should agree with something

Down

- 1. a part of an experiment that can change
- 3. the study of matter and energy
- 5. the study of Earth systems and systems in space
- 6. a part of an experiment that is not changed
- 11. a rule that describes a pattern in nature
- 12. something that represents an object, event or idea in the natural world
- 13. a group of structures, cycles and processes that are related to each other and work together