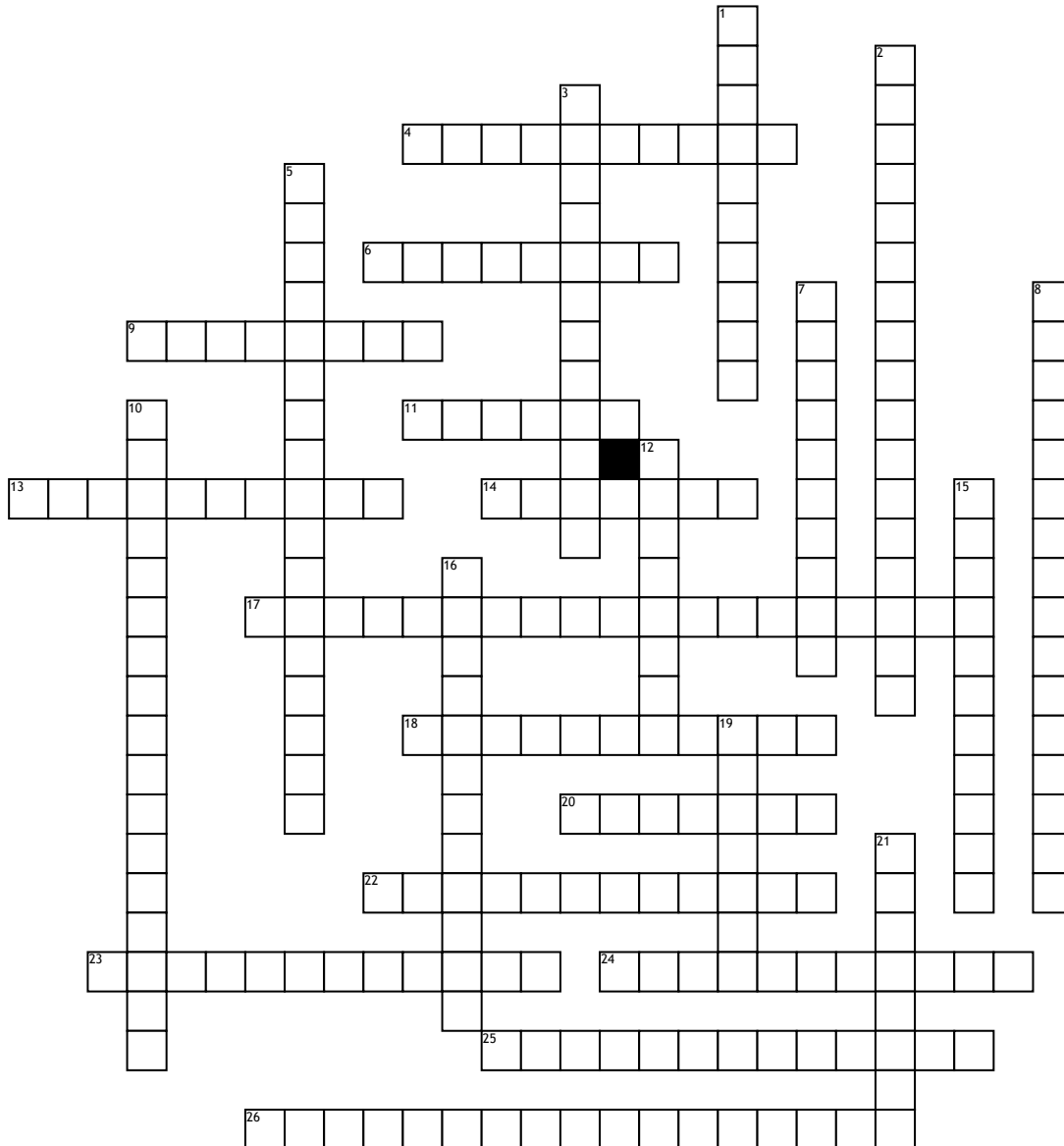


Name: \_\_\_\_\_

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

# Vocabulary



## Across

4. a process in which the procedures used during an experiment may be repeated and the results are evaluated by scientist who are in the same field or conducting similar research.
6. organism's reaction to a stimulus
9. anything that has or once had all the characteristics of life
11. process that results in mass being added to an organism; may include formation of new cells and new structures
13. inherited characteristics of a species that develops over time in response to an environmental factor; allowing the species to survive.
14. science of life: examines how living things interact, how systems function, and how the function at a molecular level
17. the one factor that can be changed in a controlled experiment; is the factor tested and affects the experiment outcome.

18. regulation of an organism's internal environment to maintain the conditions for life.
20. group of organisms that can interbreed and produce fertile offspring.
22. assumption based on prior experience.
23. : in a controlled experiment, the group not receiving the factor being tested.
24. changes an organism undergoes in its lifetime before reaching its adult form.
25. describes relationships under certain conditions in nature
26. a series of problem-solving procedures that might include observations, forming a hypothesis, experimenting, gathering and analyzing data, and drawing conclusions.

## Down

1. procedure performed in a controlled setting to test a hypothesis and collect precise data.
2. factor being measured in a controlled experiment; its value changes because of changes to the independent variable.
3. orderly structure shown by living things

5. is the planned and deliberate investigation of the natural world.

7. a testable explanation of a situation.

8. explanation of a natural phenomenon based on many observations and investigations over time.

10. in a controlled experiment, the group receiving the factor being tested.

12. a factor that remains fixed during an experiment while the independent and dependent variables change

15. orderly, direct information gathering about a natural phenomenon.

16. production of offspring

19. a body of knowledge based on the study of nature

21. any change in an organism's internal or external environment that causes the organism to react.