

# Biology Crossword Puzzle

## Across

1. This variable is observed and changes in response to another variable

6. Observations can lead to inferences or \_\_\_\_\_

8. This microscope can form images of objects 1000 times smaller

12. The 3rd goal of science is to use those explanations to make useful \_\_\_\_\_

15. This microscope allows light to pass through the specimen

16. This type of electron microscope shines a beam of electrons through a thin specimen

17. Is a logical interpretation based on prior knowledge

18. "One of the birds has a red head" is a \_\_\_\_\_ observation

19. This variable is deliberately changed

20. In science the word \_\_\_\_\_ applies to a well-tested explanation that unifies a

## Down

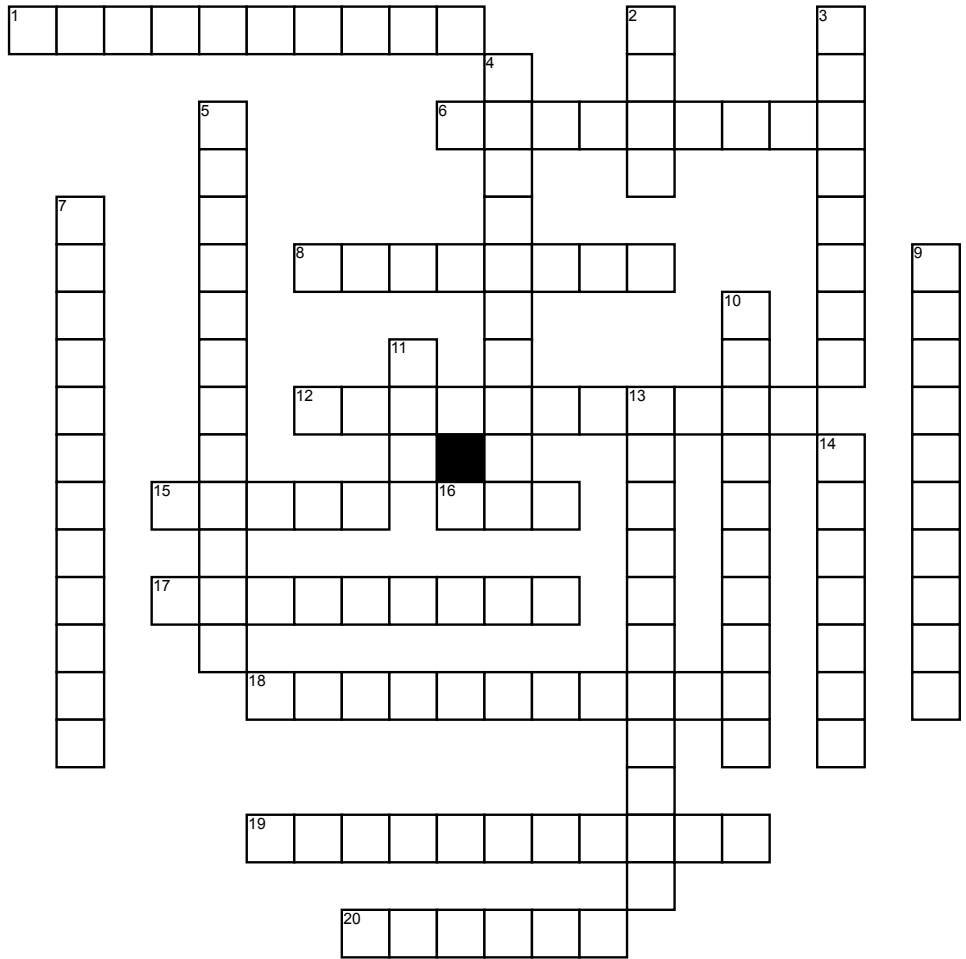
2. The info gathered in observations is evidence or \_\_\_\_\_

3. Hypothesis must be \_\_\_\_\_

4. "The worm is 2 cm long" is a \_\_\_\_\_ observation

5. scientists make \_\_\_\_\_

7. Every one uses it except US



9. a explanation made on the basis of limited evidence as a starting point for further investigation

10. When only one variable is changed at a time in an experiment

11. This type of electron microscope runs a pencil like beam of electrons back and forth across the specimen

13. The goal of science is to \_\_\_\_\_ and under stand nature

14. The 2nd goal of science is to \_\_\_\_\_ events in nature

