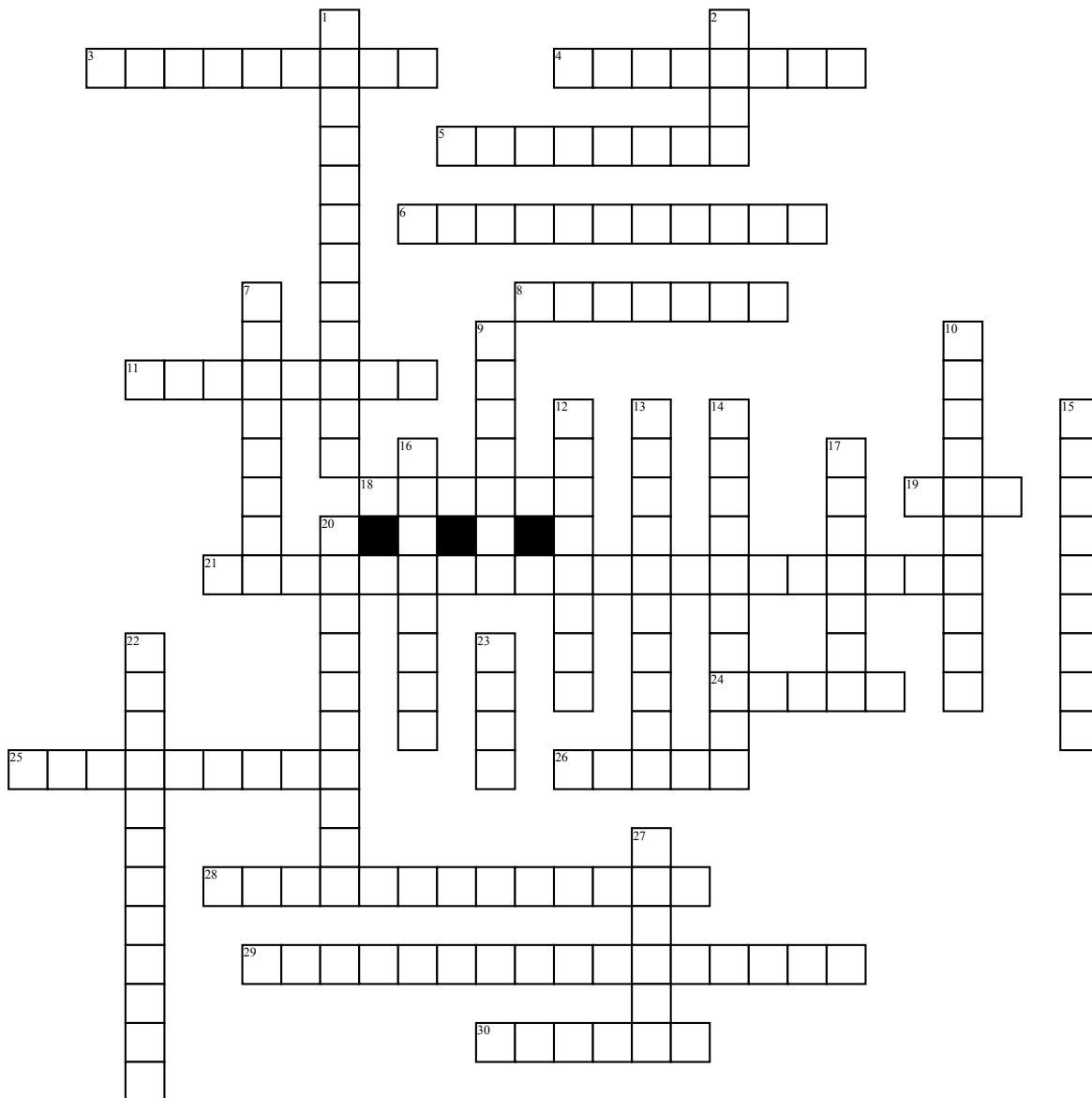


# Scientific method/Cell organelles/microscopes



## Across

3. Electron microscopes are very \_\_\_\_\_ and hard to use.
4. You look through the \_\_\_\_\_ to see the slide.
5. \_\_\_\_\_ break down food, worn out cell parts and wastes.
6. \_\_\_\_\_ cells do not have membrane bound organelles
8. Electron microscopes can magnify up to \_\_\_\_\_x.
11. \_\_\_\_\_ can be observational or an example from other experiments
18. To find more accurate results \_\_\_\_\_ these steps.
19. When carrying a microscope, hold it with the base and the \_\_\_\_\_.
21. The \_\_\_\_\_ creates, modifies, and transports cellular molecules.

24. there are \_\_\_\_\_ steps to the scientific method

25. The \_\_\_\_\_ creates ribosomes.

26. All data must be \_\_\_\_\_

28. To find the total \_\_\_\_\_ multiply the objective lense by the eyepiece.

29. You must \_\_\_\_\_ data to make tables, charts, and graphs

30. You must have specially prepared \_\_\_\_\_ to use an electron microscope.

## Down

1. The \_\_\_\_\_ is the powerhouse of the cell.

2. When focusing on high or medium power, use the \_\_\_\_\_ adjustment knob.

7. Before finding research you must find your \_\_\_\_\_

9. The \_\_\_\_\_ controls all cell functions.

10. You must do an \_\_\_\_\_ to test your hypothesis.

12. your conclusion should be as \_\_\_\_\_ as possible

13. \_\_\_\_\_ cells have membrane bound organelles

14. \_\_\_\_\_ is an educated guess based on research that might answer your question.

15. The \_\_\_\_\_ controls how much light shines on the slide.

16. The \_\_\_\_\_ provides structure and support for the cell.

17. \_\_\_\_\_ store food, nutrients and wastes in the cell.

20. To make a \_\_\_\_\_ you must restate your hypothesis, and give supporting evidence.

22. The \_\_\_\_\_ controls what enters and leaves the cell.

23. Light microscopes can only magnify up to \_\_\_\_\_x.

27. When focusing on low power use the \_\_\_\_\_ adjustment knob.