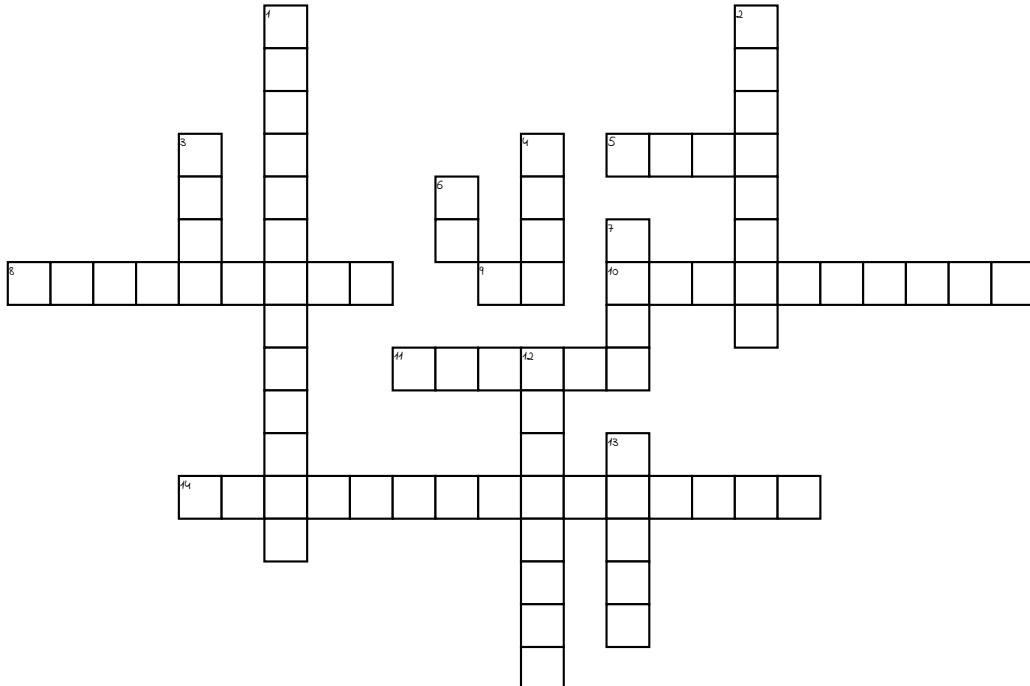


Name: _____

Date: _____

Bio: Microscope



Across

- 5. the type of focus knob made for smaller adjustments
- 8. Besides moving the specimen and adjusting the focus, what other part must you manipulate to get the best image under the scope?
- 9. The objective to start at. It has the largest FOV → leads to finding the specimen easier
- 10. 4x, 10x, 40x, and 100x are all _____

11. the type of focus knob made for larger adjustments

14. The position for the stage to be set at the start. This will avoid having the higher power lens hitting the stage b/c you will focus down until specimen is in focus.

Down

- 1. A way to regulate light after the microscope is turned on.
- 2. what would happen to the letter "e" under a microscope? _____ (flipped)

3. which power only magnifies the specimen (not inverted)

4. highest magnification

6. lowest magnification

7. as magnification increases, is more or less light needed?

12. another way to regulate light after the microscope is turned on

13. what did you have to do with the diaphragm to achieve the best image? Opened it up to allow more _____

Word Bank

4x

400x

iris diaphragm

diaphragm

high

4x

light

Highest Position

coarse

objectives

fine

more

rheostat

inverted