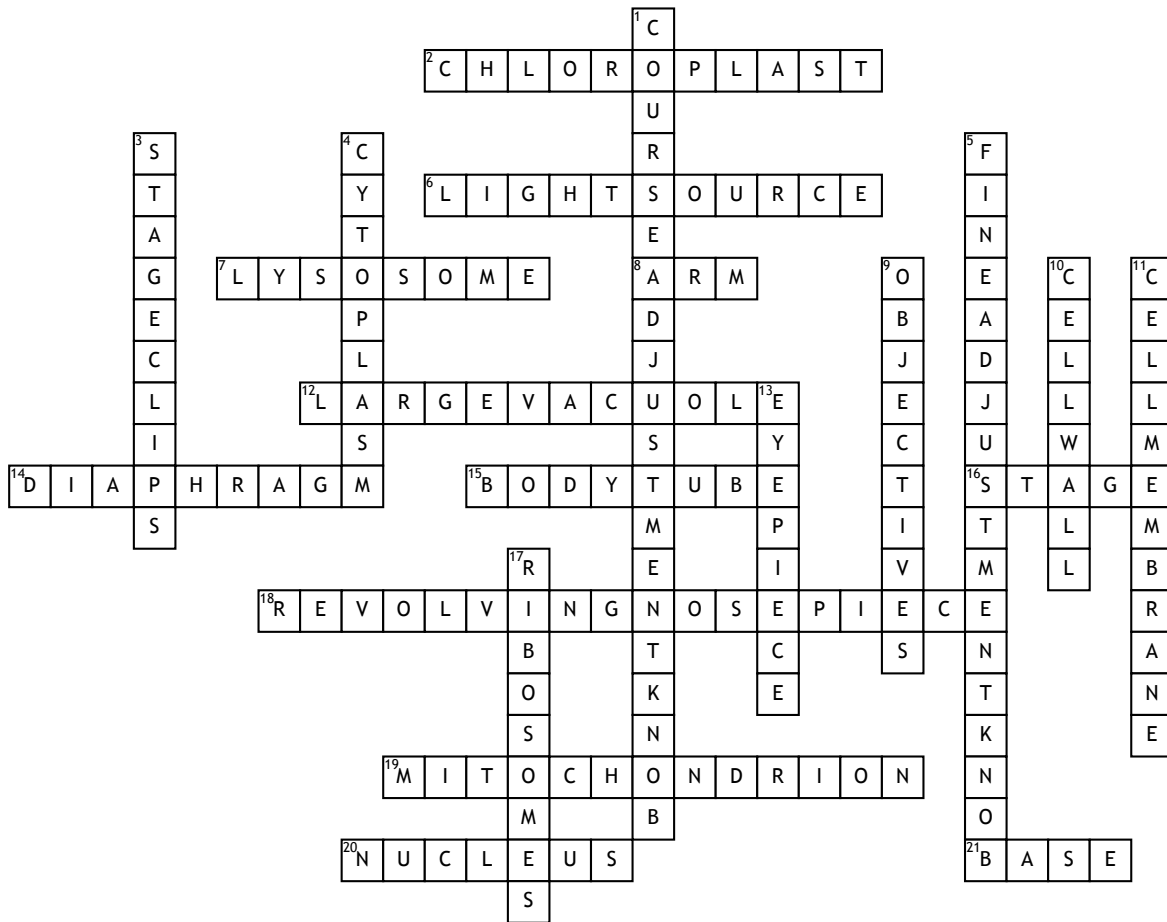


Name: _____ Date: _____ Period: _____

Cell Parts and Microscope Review



Across

2. Found only in a plant cell; Uses sunlight to make food for the cell
6. Illuminates Specimen
7. Found only in animal cells; Uses enzymes to help digestion
8. A supporting structure that connects lenses to the base
12. Found in plant cells; Storage area for the cell
14. Adjusts the amount of light

15. This separates the objectives and the lens

16. Flat platform where slides are placed

18. Moves the objective lenses

19. The powerhouse of the cell - makes energy for the cell
20. The control center of the cell

21. The supporting structure on the bottom

Down

1. This knob is used when focusing

3. Holds slides in place

4. Jelly like substance found inside of the cell

5. This is used to sharpen the image of a specimen

9. Magnifies images 4x, 10x, 40x

10. Found only in a plant cell; Gives the cell structure and support

11. Surrounds and protects the cell

13. Magnification lens you look through

17. Makes proteins