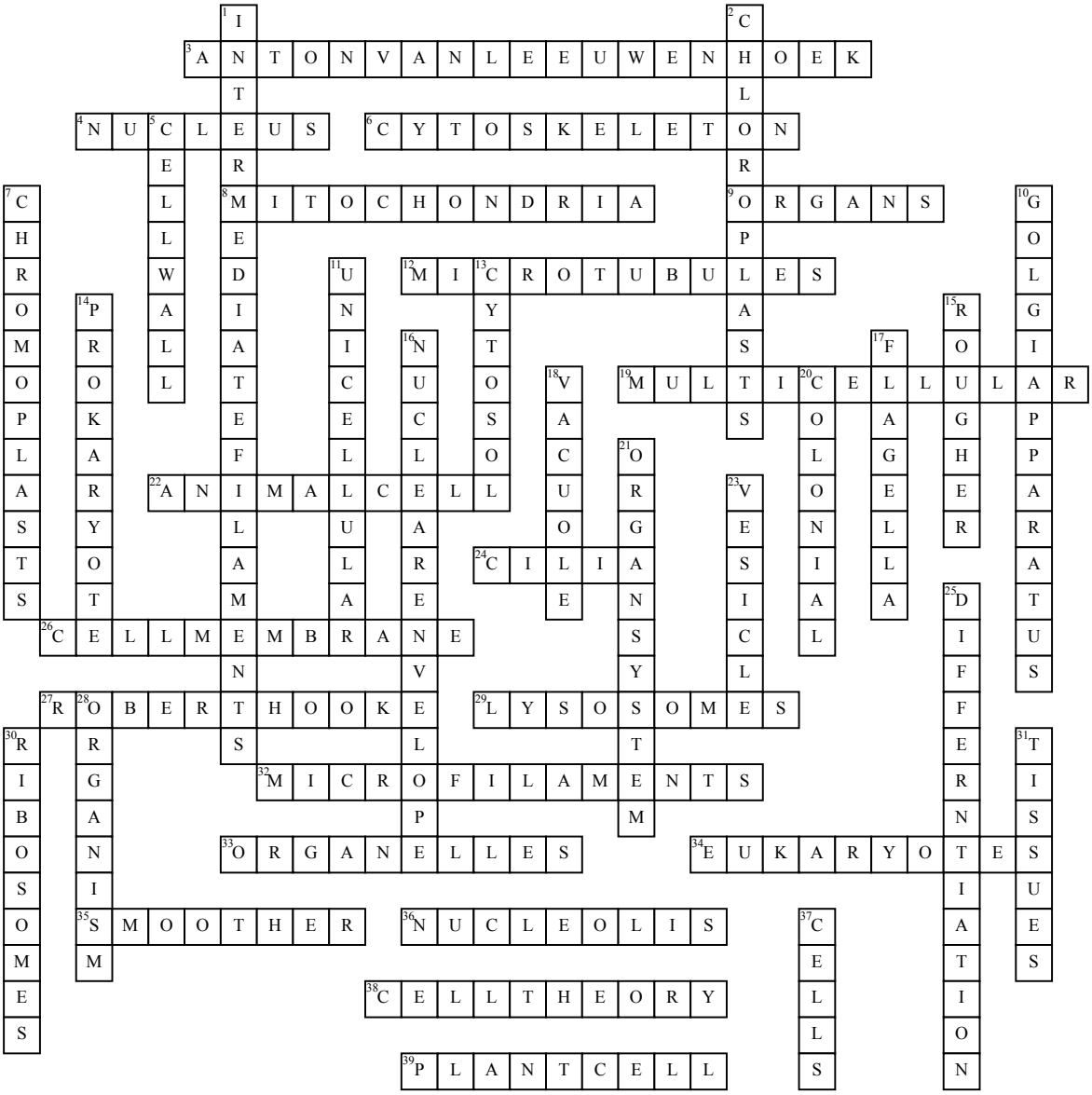
Name: _____ Date: _____ Period: _____

Cells and Organisms



Across

3. first to observe living cells
4. cellular structure that houses DNA
6. skeleton of a cell
8. produce energy
9. made of tissues with similar functions
12. component of the cytoskeleton
19. made of multiple cells
22. has lysosomes and no cell wall
24. found in eukaryotic cells, serve as sensory organelles
26. the outer lining of a cell
27. observed cork under a microscope and named the cells after the rooms monks lived in
29. only found in animal cells, break down waste
32. thinnest filament of the cytoskeleton
33. organs of a cell
34. has a nucleus and membrane bound organelles
35. prepares the proteins for the Golgi apparatus, no ribosomes
36. located in the nucleus and holds RNA
38. Three parts to it
39. have a cell wall, large central vacuole, and no lysosomes

Down

1. cytoskeleton components found in cells of many animal species
2. found in a plant cell converts the sun's rays into energy
5. the very outer layer of a plant cell
7. assist in pigment synthesis
10. Packages proteins and ships them off to where they need to go
11. made of one cell
13. another name for the cytoplasm
14. cell with no nucleus or membrane bound organelles
15. has ribosomes, prepares the proteins for the Golgi apparatus
16. another name for the cell membrane
17. helps bacteria cell move around
18. stores nutrients water and waste
20. group or colony of cells
21. made up of two or more organs working together
23. the "boxes" of the "packaging plant"
25. made of different cells
28. life form
30. makes proteins
31. Made up of a bunch of different cells with similar functions
37. the smallest unit of life all living things are made of one or more of these