

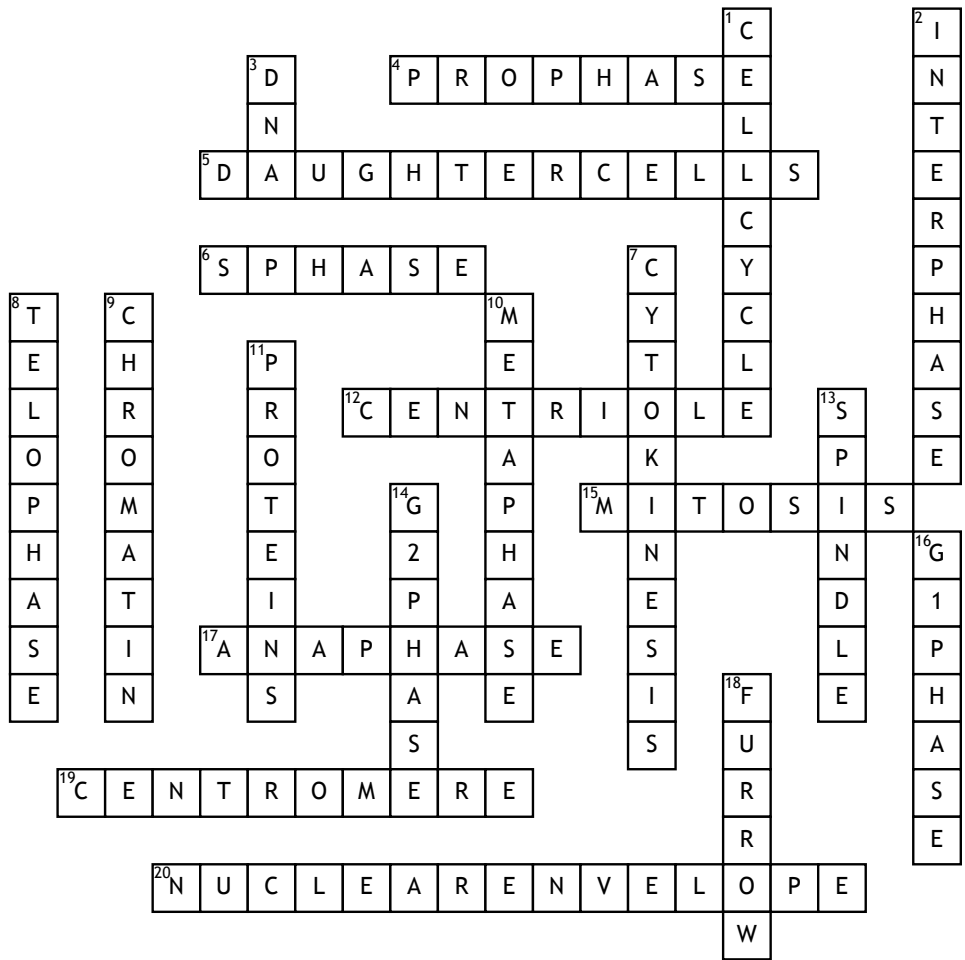
Cell Division

Across

4. spindle forms, chromatin condenses, centrioles separate
5. the product of cell division
6. phase when the DNA of the cell is copied
12. organelle in charge of spindle
15. prophase, metaphase, anaphase, telophase
17. chromatins break off to become individual chromosomes and move apart
19. the center of a chromosome
20. breaks down during mitosis to create nuclei

Down

1. the life cycle of a typical cell
2. involves G1, G2, and S phases
3. make up of chromosomes
7. concludes M phases
8. nucleus splits to nuclei, chromosomes gather at opposite ends of the cell
9. individual strand of a chromosome



10. chromosomes line up through the center of the cell
11. macromolecule used to regulate the cell cycle
13. structure inside a cell that assists in the division of chromosomes
14. preparation stage for cell division
16. rapid growth and replication of cell organelles
18. connection of two daughter cells during telophase

