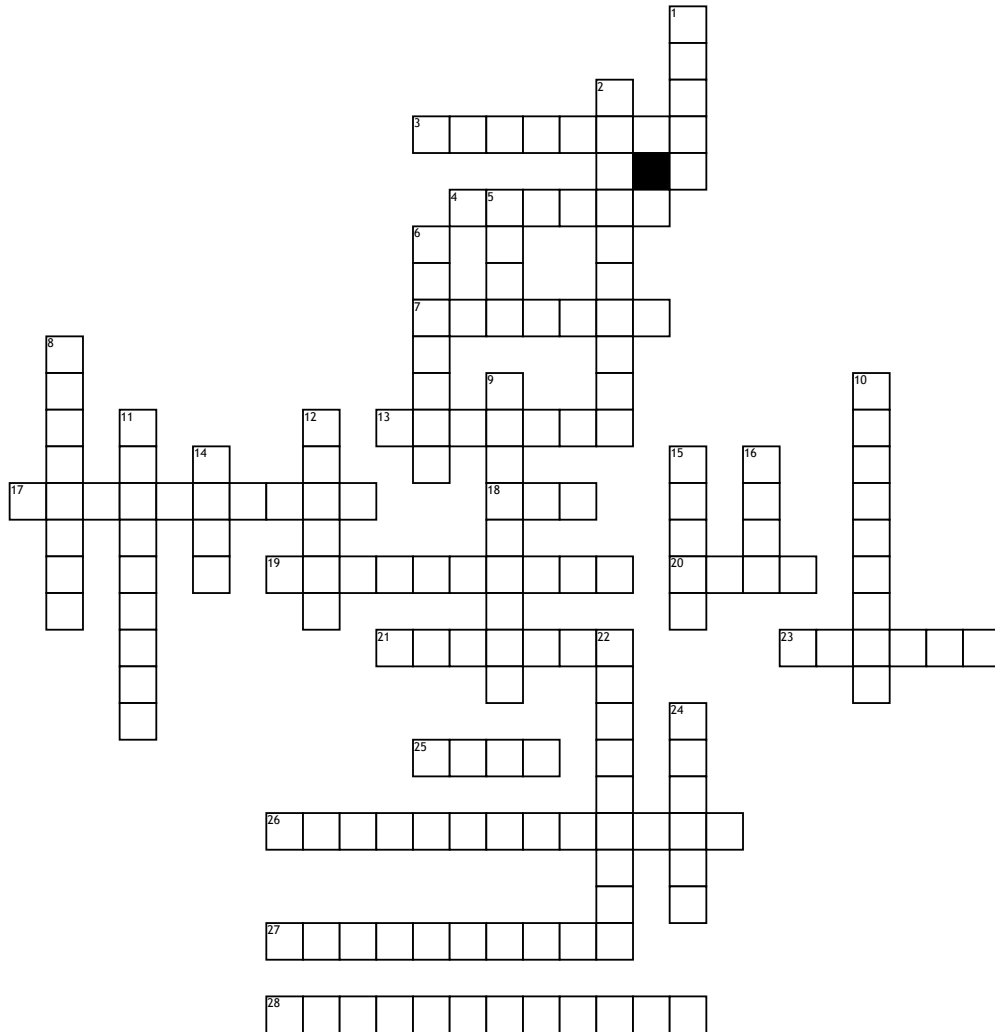


# Cell Structure



**Across**

- 3. The \_\_\_\_\_ has a membrane that protects the DNA. Nuclear
- 4. The \_\_\_\_\_ Endoplasmic Reticulum is responsible for making fats, oil, and hormones.
- 7. The definition of \_\_\_\_\_ is a folded membrane inside the mitochondria when cellular respiration occurs.
- 13. Plant cells have central \_\_\_\_\_.
- 17. The \_\_\_\_\_ is a protein structure that helps with cell division.
- 18. What is the abbreviation for Adenosine Tri-Phosphate??
- 19. The definition of \_\_\_\_\_ is the shape of DNA makes it easier for a cell to replicate (copy).
- 20. A \_\_\_\_\_ or plasma membrane is a lipid bilayer that surrounds the cell.
- 21. Cilia is a short hair like projections also made of \_\_\_\_\_ that helps aid in movement.

- 23. Adenosine Tri-Phosphate is a \_\_\_\_\_ currency??
  - 25. The \_\_\_\_\_ is the packaging, finishing, and Distribution Center. Golgi
  - 26. \_\_\_\_\_ is the theory that animal like & plant like prokaryotes were eaten by larger Prokaryote.
  - 27. \_\_\_\_\_ is 1/2 of DNA.
  - 28. \_\_\_\_\_ are inherited through the mother.
- Down**
- 1. Mitochondria (Mitochondrion) is a \_\_\_\_\_ house.
  - 2. Cytoplasm has the consistency of what?? Gel
  - 5. Organelle is a \_\_\_\_\_ organ.
  - 6. The \_\_\_\_\_ pores is the opening in the envelope that allows material & information to move in & out of the nuclear.
  - 8. The definition of \_\_\_\_\_ is a whip like protein structure that occurs some prokaryotes to move in an aquatic environment.

- 9. What has a nucleus?
- 10. The definition of \_\_\_\_\_ is like a kitchen- reads instructions and also makes proteins.
- 11. The \_\_\_\_\_ is plasma membrane so it can leave the cell and enter the bloodstream.
- 12. All cells come from pre-existing cells, All living things are made up of cells, Cells-tissue-organ-system-organism. Basic unit of organization in living things is?? Cell
- 14. Carbs, Proteins, Lipids, Nucleic acids are example of?? Building Blocks of
- 15. Every cell should have the same \_\_\_\_\_ copy of DNA.
- 16. The definition of a \_\_\_\_\_ is the addition boundary made of cellulose. Cell
- 22. The \_\_\_\_\_ is responsible for making proteins.
- 24. DNA is used to forensic science to ID \_\_\_\_\_.

**Word Bank**

- |            |               |            |           |            |              |
|------------|---------------|------------|-----------|------------|--------------|
| Cytoplasm  | Eukaryote     | Vacuole    | Protein   | toothpaste | Mitochondria |
| Nuclear    | bodies        | Prokaryote | Nucleolus | theory     | wall         |
| ATP        | Flagella      | Cristae    | Envelope  | Smooth     | mini         |
| Centrioles | Life          | Ribosomes  | Power     | Cell       | Chromatids   |
| Exact      | Endosymbiosis | energy     | Body      |            |              |