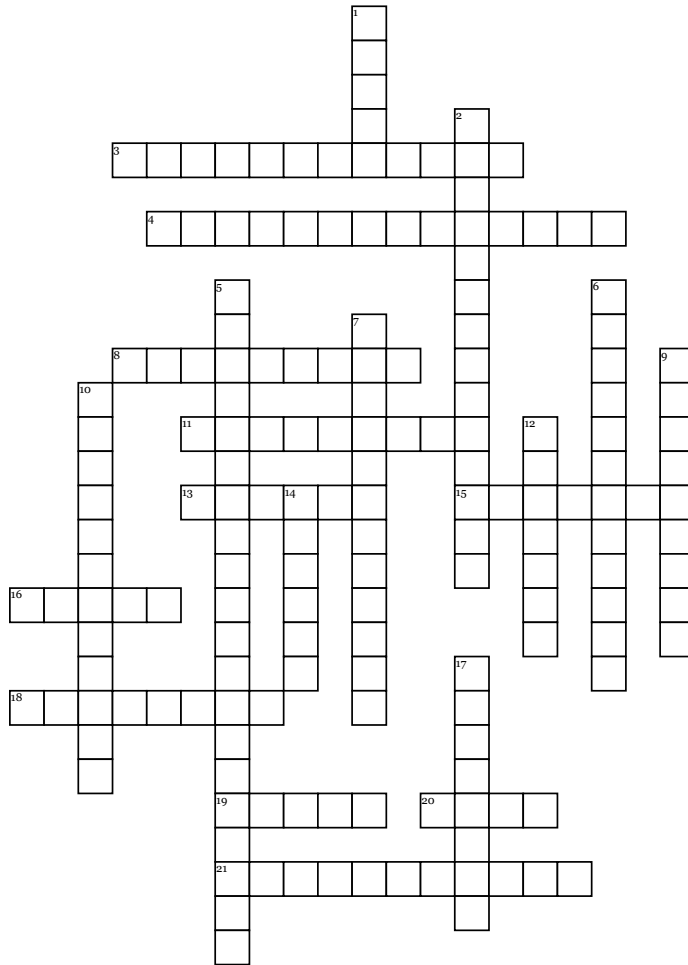
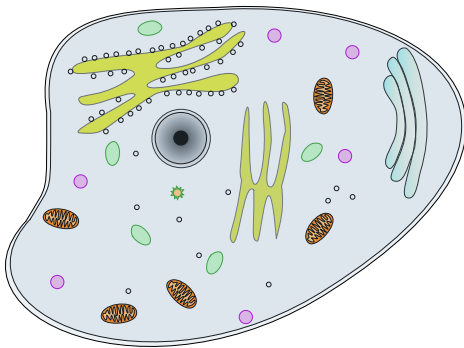


Biology study guide



Across

3. membrane bound organelles present in almost all eukaryotic cells Responsible for orchestrating cellular energy production?

4. What transports and modifies proteins?

8. has two functions, decoding the message and the formation of peptide bond?ds

11. the gel-like fluid inside the cell

13. a group of cells that have similar structure and that function together as a unit

15. controls and regulates the activities of the cell and carries the genes?

16. _____ endoplasmic reticulum produce proteins for the rest of the cell to function

18. provides tensile strength and protection against mechanical and osmotic stress?

19. small hair-like organelle that are dotted across the surface of a cell.

20. e smallest unit that can live on its own and that makes up all living organisms

21. what convert light energy into relatively stable chemical energy via the photosynthetic process?

Down

1. collection of tissues that structurally form a functional unit specialized to perform a particular function

2. enable cell motility, contraction, and intracellular transport

5. What does DNA stand for?

6. helps cells maintain their shape and internal organization

7. serve as barriers and gatekeepers

9. whatdegrading and recycling cellular waste, cellular signalling and energy metabolism?

10. regulating cell growth and movement as well as key signaling events

12. helps maintain water balance in plant cells

14. _____ endoplasmic reticulum synthesizes lipids, phospholipids as in plasma membranes, and steroids

17. large hair-like organelle that help movement