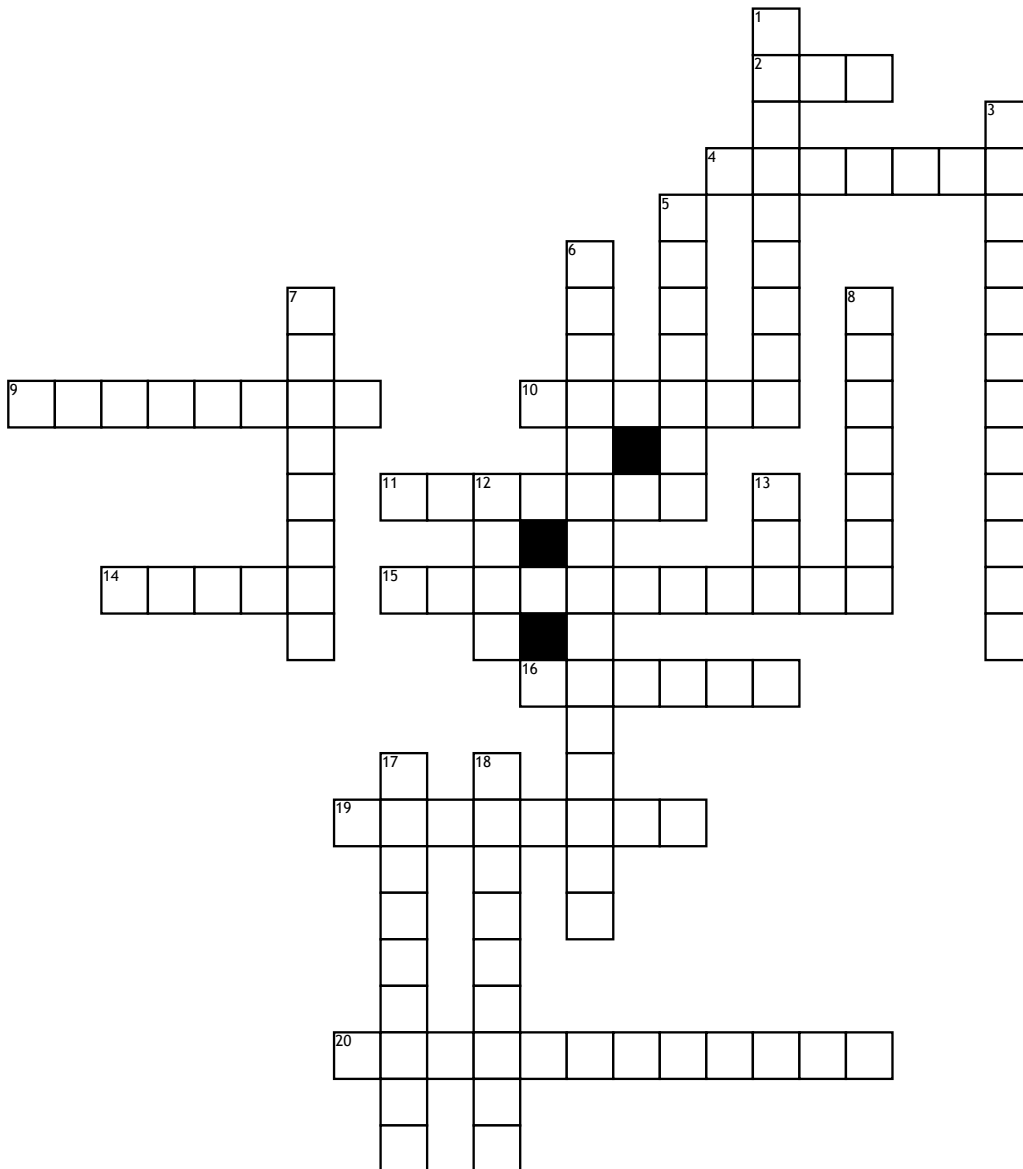


Name: _____

Science Cells Crossword



Across

- 2. A nucleic acid that plays an important role in the production of proteins.
- 4. A sac inside a cell that acts as a storage area.
- 9. A small, round cell structure containing chemicals that break down large food particles into smaller ones.
- 10. A collection of cells on an organism that have similar structure and function
- 11. A cell structure that carries out a specific function within the cell.
- 14. A part of an organism that is typically self-contained and has a specific vital function.
- 15. A structure in the cells of plants and some other organisms that captures energy from sunlight and uses it to produce food.

16. A type of protein that speeds up a chemical reaction in a living thing.

19. A small grain-like structure in the cytoplasm of a cell where proteins are made.

20. Rod-shaped cell structures that convert energy in food molecules to energy

Down

- 1. A tiny cell structure that carries out a specific function within the cell.
- 3. A cell structure that controls which substances can enter or leave the cell.
- 5. The diffusion of water molecules through a selectively permeable membrane.
- 6. The movement of materials through a cell membrane using cellular energy.

7. Two or more elements that are chemically combined.

8. Any substance that cannot be broken down into simpler substances.

12. The basic unit of structure and function in living things.

13. The genetic material that carries information about an organism and is passed on to offspring

17. The process by which molecules move from an area of higher concentration to an area of lower concentration.

18. The delivery system used by Endoplasmic Reticulum