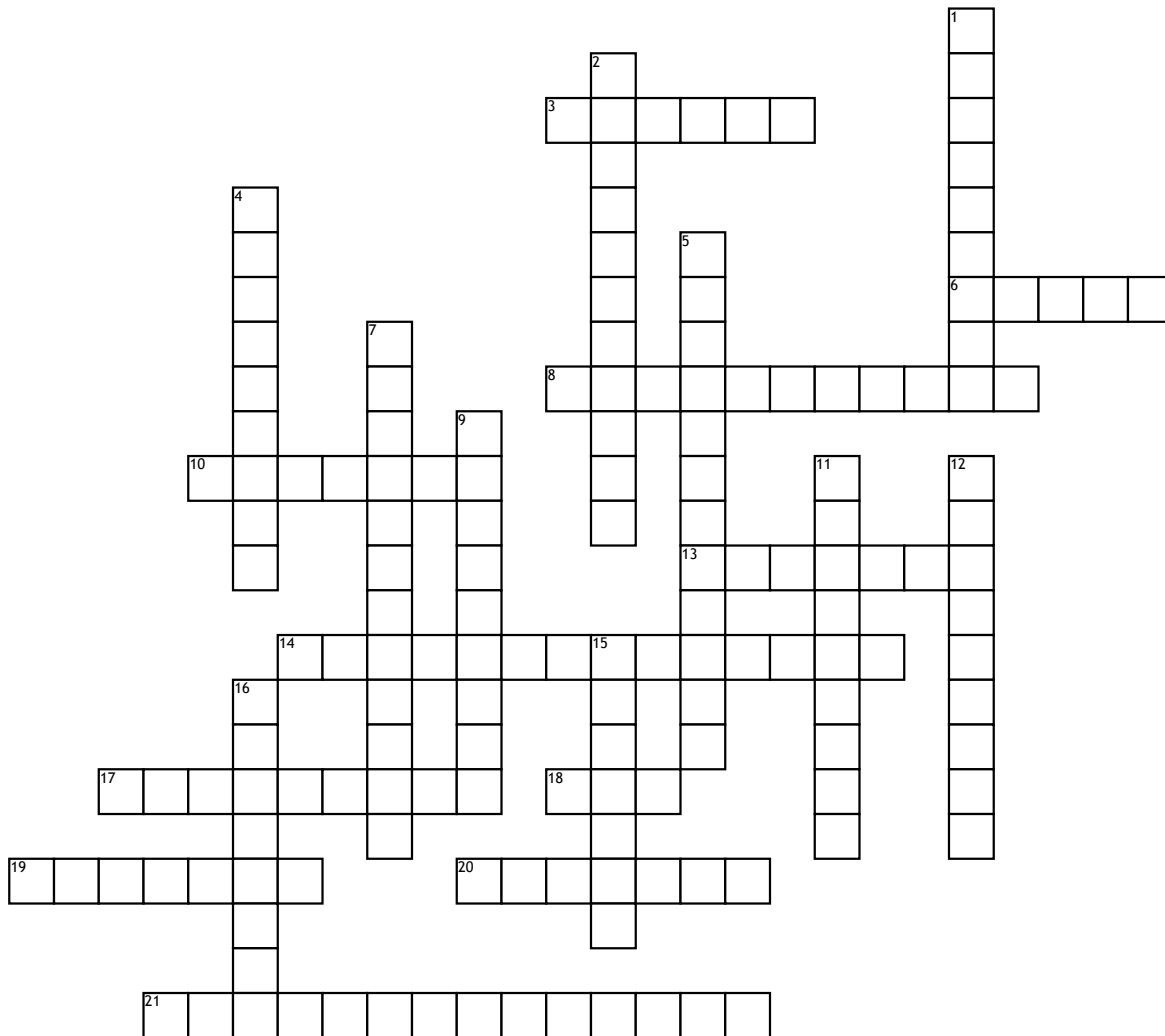


Macromolecules and Cell Organelles



Across

3. Carbohydrate that makes up fungal cell wall

6. These molecules forms wall and usually found in the form of waxes, fats and sterols

8. Photosynthesis occur here in plant cell

10. Large membrane sac that is used for storage of water, food, particles. Prominent in plant cells

13. The boss of the kingdom of organelles

14. Proteins are modified and shipped out from this organelle, act as a post office

17. Protist, animals, plants and fungi belongs to this group

18. Energy currency of the cells

19. This word describes the long chain and branches of molecules

20. Small membrane sac used to transport materials

21. The border of the cell, whose job is to prevent bad news from entering the cell

Down

1. Structure inside the nucleus

2. Pigment that give green colour to plants

4. Liquid inside the cell

5. This organelle makes energy from fats and carbohydrates

7. A meshwork of fine fibers which gives shape and support in eukaryotic cell

9. Structure that are found in animal cells that helps during cell division

11. Carbohydrate that made up cell wall

12. These rounded organelles are filled with powerful chemicals. When there are wastes, bad guys or broken organelles in the cell, these janitors come by and engulf them.

15. This macromolecule is used to build machines, tunnels and other tools for the cell

16. Short, thin structure on the outside of a prokaryotic cell that helps with movement