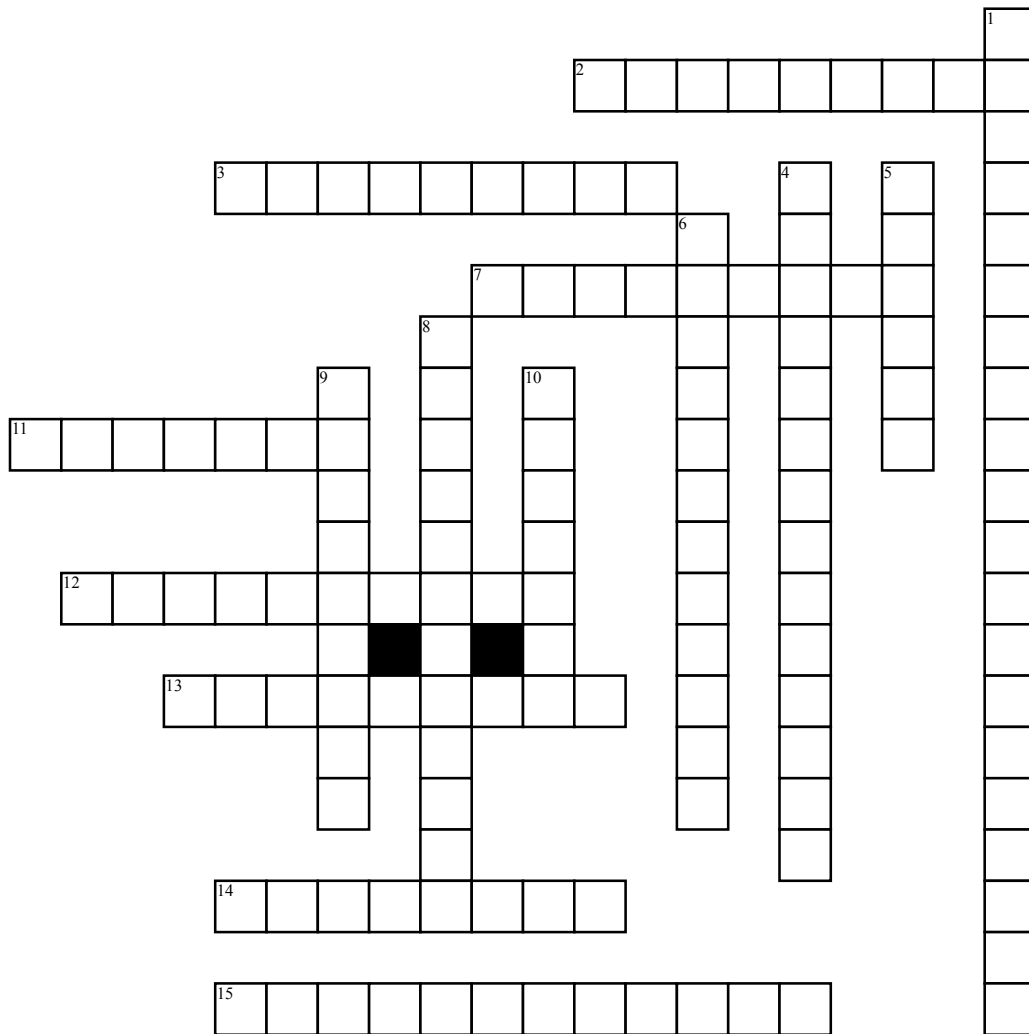


Organelles



Across

- 2. granular material visible within the nucleus, consists of DNA tightly coiled around proteins
- 3. organism whose cells contain nuclei
- 7. small dense region within most nuclei where the making of ribosomes occurs
- 11. cell organelle that stores materials such as water salts proteins and carbohydrates
- 12. unicellular organism lacking a nucleus
- 13. material inside the cell membrane not including the nucleus

- 14. small particle in the cell on which proteins are assembled, made of RNA and protein
- 15. cell organelle that converts the chemical energy stored in food into compounds that are more convenient for the cell to use

Down

- 1. internal membrane system in cells in which lipid components of the cell membrane are assembled and some proteins are modified
- 4. stacks of membranes in the cell that modifies sorts and packages proteins from the endoplasmic reticulum

- 5. cell organelles filled with enzymes needed to break down certain materials in the cell
- 6. thin flexible barrier around a cell, regulates what enters and leaves the cell
- 8. unique to plant cells and it converts sunlight into usable energy
- 9. one of two tiny structures located in the cytoplasm of animal cells near the nuclear envelope
- 10. structure that contains the cells DNA and controls the cells activities

Word Bank

- | | | | |
|-----------------------|--------------|-----------------|---------------|
| cytoplasm | mitochondria | golgi apparatus | nucleus |
| chromatin | lysosome | chloroplasts | cell membrane |
| endoplasmic reticulum | vacuole | nucleolus | prokaryote |
| ribosome | centriole | eukaryote | |