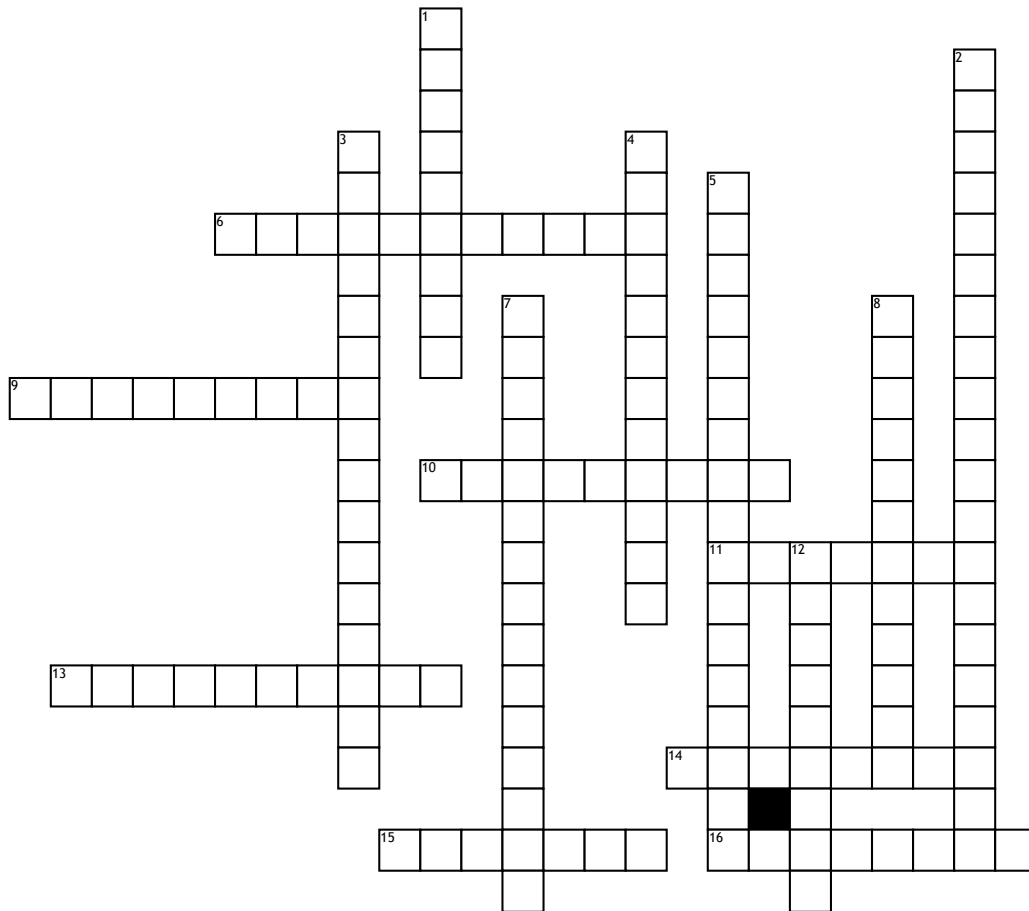


# Cell Organelles & Their Functions



**Across**

- 6. pigment that gives plant cells their green color
- 9. packages proteins
- 10. cell membranes are semi
- 11. stores water, food, and waste
- 13. cells that have large vacuoles, cell walls, and chloroplasts
- 14. gives plants cells its shape, structure, and support

- 15. the brain of the cell; contains all DNA
- 16. the lysol of the cell; digest food and breaks down dead materials

**Down**

- 1. makes proteins for the cell; found throughout the cell's cytoplasm and on the rough ER
- 2. transports proteins

- 3. cells that don't have membrane bound organelles or nuclei
- 4. photosynthesis happens here
- 5. all cells are created from
- 7. cells that have membrane bound organelles and nuclei
- 8. powerhouse of the cell; transfers and releases energy
- 12. jelly-like fluid found throughout the cell

**Word Bank**

- |             |                  |                       |                   |
|-------------|------------------|-----------------------|-------------------|
| chlorophyll | permeable        | cytoplasm             | Golgi Body        |
| vacuole     | ribosomes        | Endoplasmic Reticulum | prokaryotic cells |
| nucleus     | mitochondria     | another living cell   | cell wall         |
| lysosome    | eukaryotic cells | plant cells           | chloroplasts      |