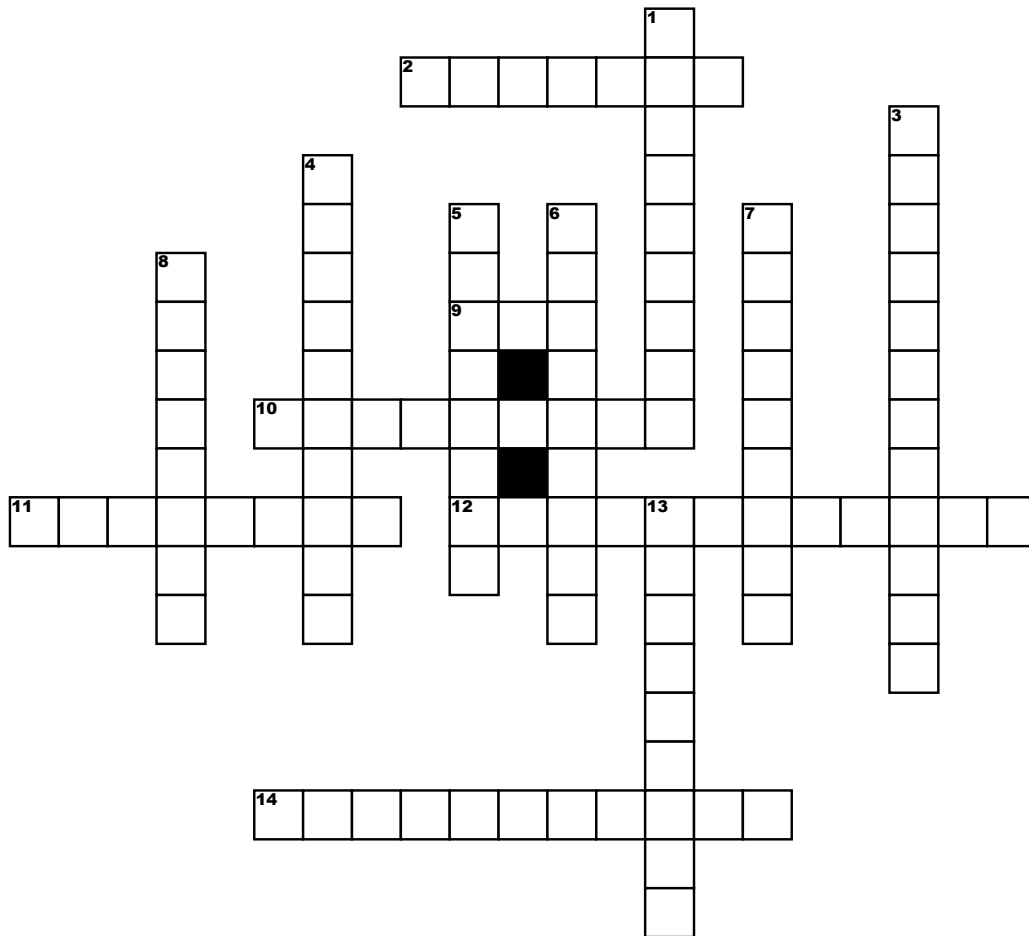


Criss-Cross Cell Organelle



Across

- 2.** large membrane-enclosed structure that contains cell's genetic material or DNA
- 9.** collection of enzymes that perform specialized tasks, including synthesis of membrane lipids and the detoxification of drugs
- 10.** small particles of RNA and protein found throughout the cytoplasm
- 11.** strong supporting layer around the cell membrane

- 12.** organelles that convert chemical energy stored in food into compounds that are more convenient for cell use
- 14.** organelles that capture energy from sunlight and converts to chemical energy

Down

- 1.** small dense region within most nuclei where the assembly of proteins begin
- 3.** thin flexible barriers surrounding cells
- 4.** located near the nucleus to help organize cell division

- 5.** small organelles filled with enzymes needed to break down certain materials in the cell
- 6.** granular material consisting of DNA bound to protein found in the nucleus
- 7.** stack of membranes in the cell that modifies, sorts and packages protein from the endoplasmic reticulum
- 8.** saclike structure which stores carbohydrates, water, salts and proteins
- 13.** portion outside the nucleus but within the cell membrane

Word Bank

- | | | | |
|-------------|---------------|-----------|--------------|
| chloroplast | chromatin | nucleolus | mitochondria |
| nucleus | centrioles | vacuoles | lysosome |
| SER | cell membrane | ribosomes | cell wall |
| Golgi body | cytoplasm | | |