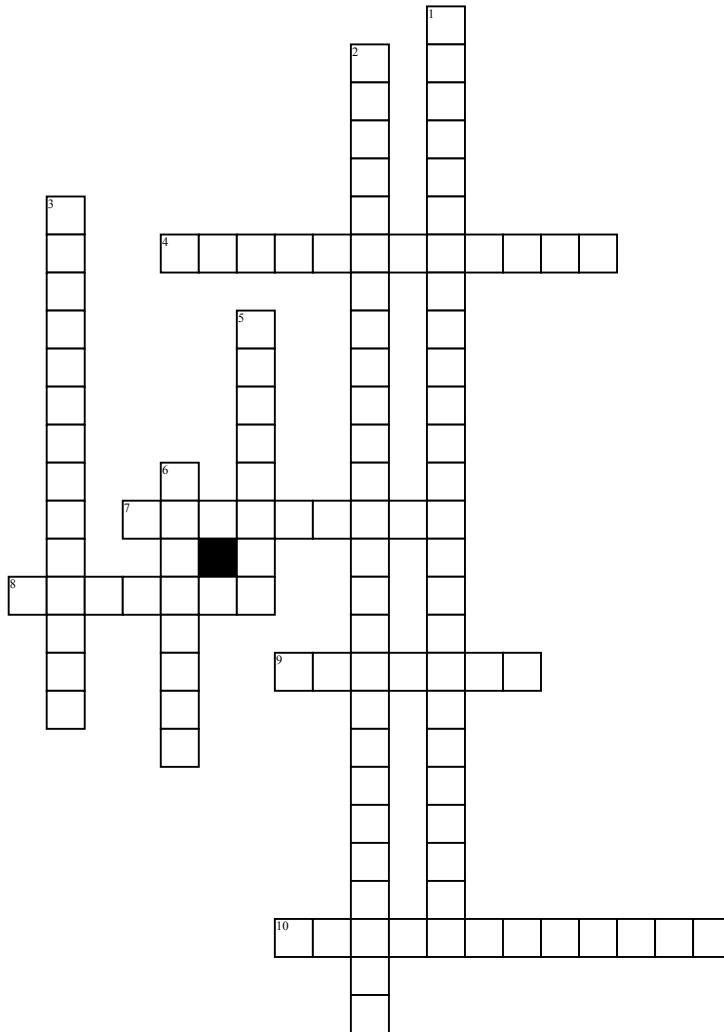


Cell Organelles



Across

- 4. Converts food molecules into energy (ATP) for the cell; “powerhouse”
- 7. Jelly-like material that fills the inside of the cell
- 8. A sac used to store, food, enzymes, & other materials needed by the cell
- 9. Membrane-covered organelle that contains DNA & controls all activities within the cell
- 10. A flexible boundary that controls the movement of substances into & out of the cell

Down

- 1. Ribosomes are attached; transports proteins
- 2. NO ribosomes are attached; synthesizes lipids & carbs & detoxifies
- 3. Flattened stack of membranes that modify, sort, & package proteins into sacs called vesicles
- 5. Site of protein synthesis
- 6. Contains enzymes that digest excess or worn out cell parts, bacteria & viruses

Word Bank

- | | | |
|-----------------------------|------------------------------|---------------|
| Cytoplasm | Smooth Endoplasmic Reticulum | Cell membrane |
| Golgi Apparatus | Vacuole | Ribosome |
| Mitochondria | Lysosome | Nucleus |
| Rough Endoplasmic Reticulum | | |