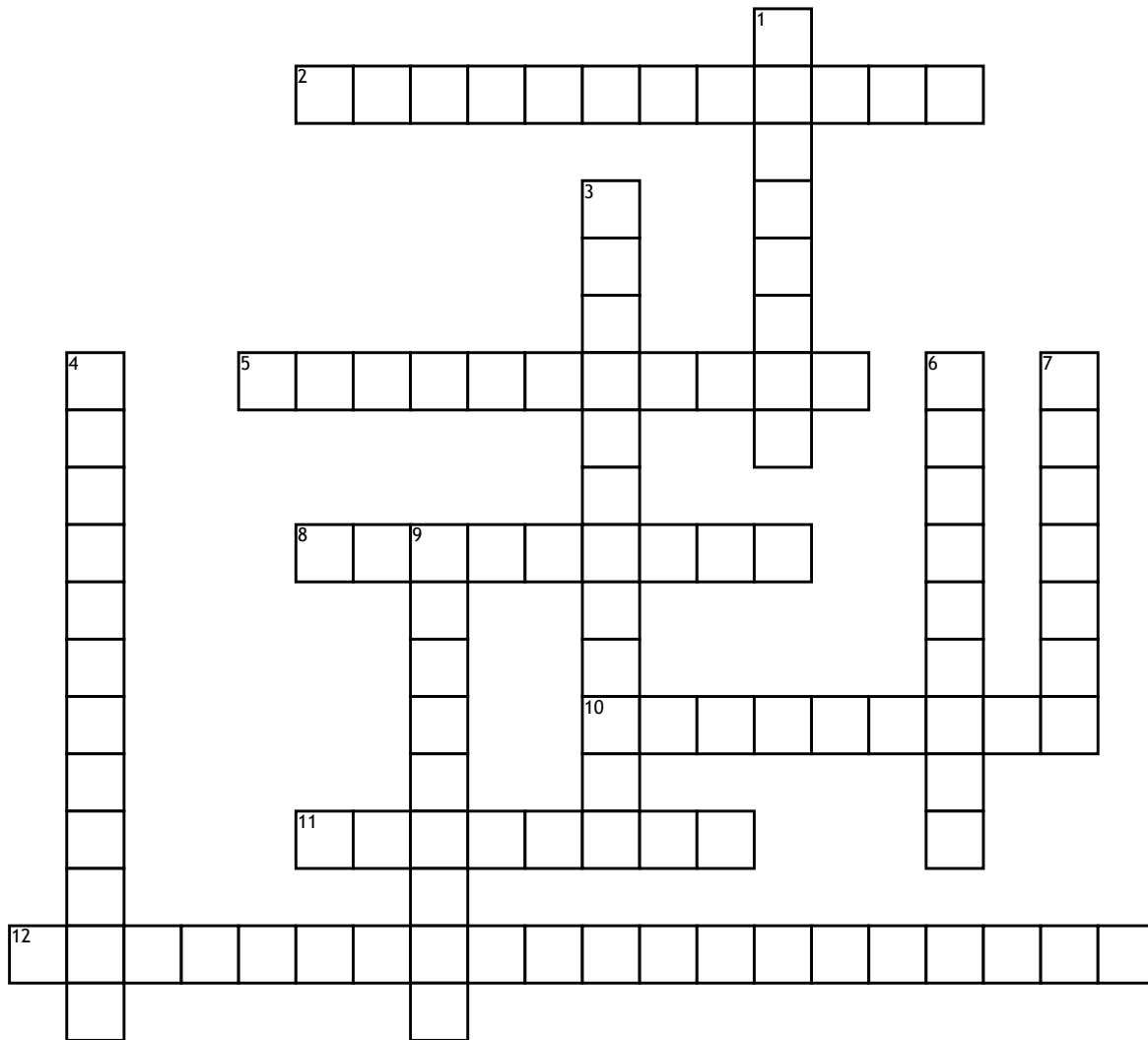


# Cells and organelles



## Across

2. Captures energy from the sunlight and uses it to produce food in a plant cell

5. Receives proteins & materials from the ER, packages them, & distributes them

8. Found inside the nucleus and produces ribosomes

10. Assembles amino acids to create proteins

11. Ridged outer layer of a plant cell

12. Has passageways that carry proteins and other materials from one part of the cell to another

## Down

1. Stores food, water, wastes, and other materials

3. Produces the energy a cell needs to carry out its functions

4. Controls what comes into and out of a cell; found in both plant and animal cells

6. Uses chemicals to break down food and worn out cell parts

7. Control center of the cell; contains DNA

9. Gel-like fluid where the organelles are found