

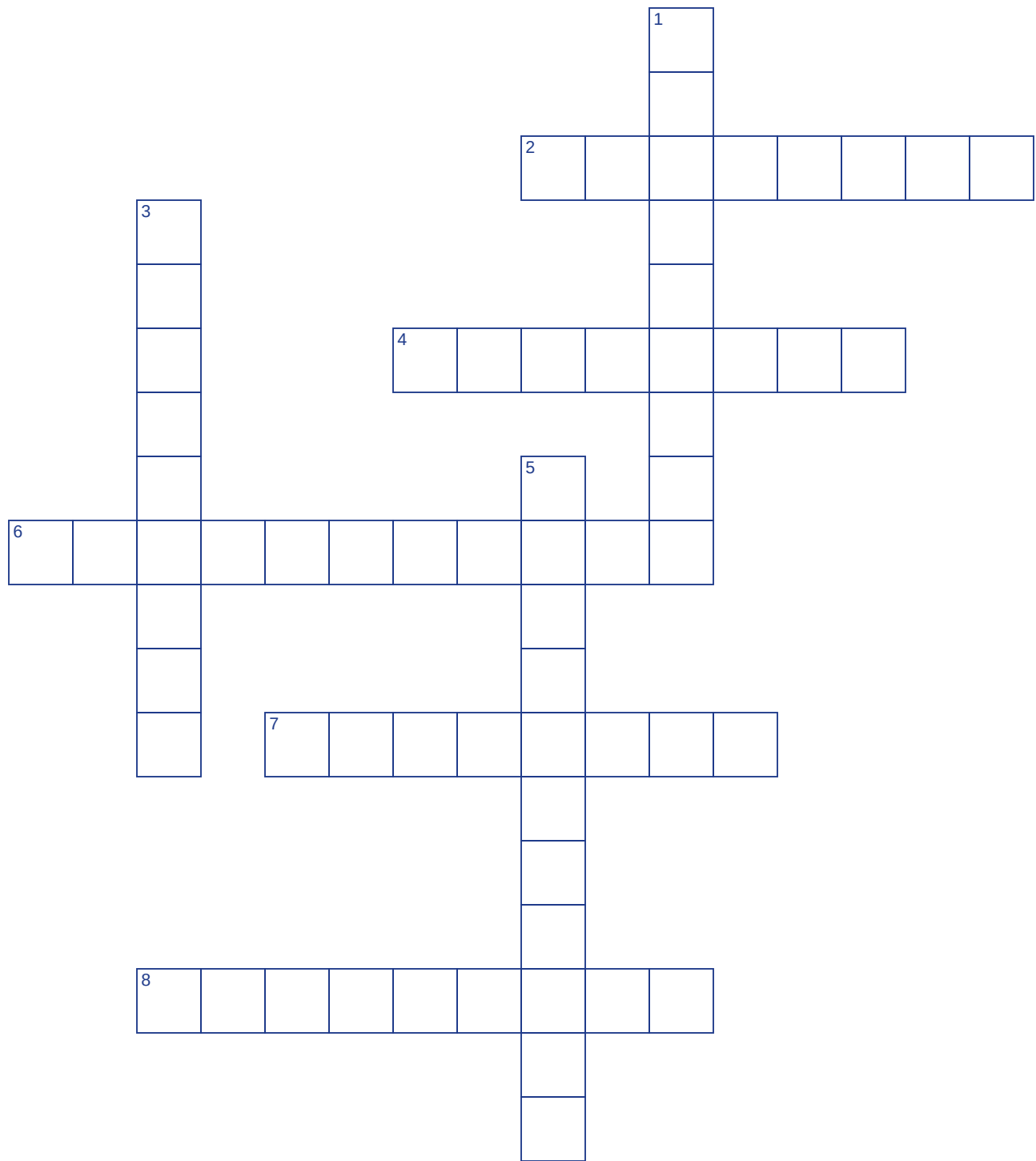
Cells and Systems Crossword

In Grade 8 science, you explore how living things are organized and how they function ([Outcome](#), [Topic](#)). This crossword puzzle focuses on key processes and structures that keep organisms alive. You will work with terms related to how bodies break down food, move gases and nutrients, and respond to their surroundings ([Outcome](#), [Outcome](#)). Solve the puzzle by matching each clue to the correct word, thinking about the role each process or structure plays in keeping a living system healthy.

How to play

Read each clue carefully. Write the answer word into the grid, one letter per square. Across clues run left to right. Down clues run top to bottom. Some squares are shared between across and down words, so solving one word may help you solve another. Check that each letter makes sense in both its across and down word.

Puzzle grid



Clues

Across

2. A living thing that can carry out life processes (8)
3. The job or purpose that a structure or system performs in a living thing (8)
4. Body system that takes in oxygen and releases carbon dioxide (11)
5. A change in the environment that causes a response in a living thing (8)

6. Body system that removes waste products from the body (9)

Down

1. Body system that breaks down food into nutrients the body can use (9)
2. Movement of gases or liquids into and out of cells based on concentration differences (9)
3. Body system that moves blood throughout the body to carry oxygen and nutrients (11)

Answer key

- **1 down:** DIGESTION
- **2 across:** ORGANISM
- **3 down:** DIFFUSION
- **4 across:** FUNCTION
- **5 down:** CIRCULATION
- **6 across:** RESPIRATION
- **7 across:** STIMULUS
- **8 across:** EXCRETION

