

Cells and Systems Hangman

In Grade 8 science, you investigate how living things are organized and how they respond to their surroundings ([Topic](#)). A key part of this study is understanding cells as the basic units of life and recognizing that organisms are made up of systems where different parts work together ([Outcome](#), [Outcome](#)). This game tests your knowledge of important terms from cells and systems: the structures inside cells, the ways cells respond to their environment, and the tools scientists use to study life at the microscopic level.

How to play

- There are 4 words to guess, one per round. Each blank stands for one letter.
- Guess one letter at a time. If it is in the word, write it in every blank where it belongs; if not, write it in the wrong-guess spaces.
- You have 6 wrong guesses per round. Use the clue when you are stuck. The answer key gives all 4 words.

Puzzles

Round 1 (7 letters)

S _ _ _ _ _ _ _

Clue: Signals from the environment that a living thing responds to

Wrong guesses: _ _ _ _ _ _ _

Round 2 (8 letters)

O _ _ _ _ _ _ _

Clue: Any living thing, from a single cell to a complex plant or animal

Wrong guesses: _ _ _ _ _ _ _

Round 3 (7 letters)

V _ _ _ _ _ _

Clue: A storage sac inside a cell that holds water and other materials

Wrong guesses: _ _ _ _ _ _ _

Round 4 (10 letters)

M _ _ _ _ _ _ _ _ _ _

Clue: The use of instruments to view things too small to see with the naked eye

Wrong guesses: _ _ _ _ _ _ _

Answer key

- Round 1: **STIMULI**
- Round 2: **ORGANISM**
- Round 3: **VACUOLE**

- Round 4: **MICROSCOPY**

Note: 2 learning outcome blocks were left out to fit the 4000-token curriculum budget for this kind of material. Use "Split into parts" to generate one document per organizing idea.