

Cells and Systems Hangman

In Grade 8 science, you investigate how living things are organized and how their parts work together. This game tests your knowledge of key concepts from cells and systems: the structures that make up organisms, the processes that keep them alive, and the ways cells and tissues function as part of larger body systems ([Outcome](#), [Outcome](#)). You will encounter terms related to how organisms are built and how they carry out life processes.

How to play

1. One player thinks of a word or phrase from the cells and systems unit. The other player guesses one letter at a time.
2. Each time you guess a letter that appears in the word, it is revealed in its correct position or positions. Each wrong guess adds a part to the hangman drawing.
3. You win if you complete the word before the drawing is finished. The player with the word wins if the drawing is complete first.
4. Use the puzzle sheets below. Write the blank spaces on a sheet of paper or whiteboard. Mark off wrong guesses in the "Wrong Guesses" box.
5. Play multiple rounds. Take turns being the player who thinks of the word.

Puzzles

Round 1 (6 letters)

T _ _ _ _ _

Clue: A group of similar cells that work together to perform a specific function.

Wrong guesses: _ _ _ _ _

Round 2 (9 letters)

D _ _ _ _ _ _ _

Clue: The body system that breaks down food into nutrients the body can use.

Wrong guesses: _ _ _ _ _

Round 3 (9 letters)

D _ _ _ _ _ _ _

Clue: The movement of gases or liquids into and out of cells based on concentration differences.

Wrong guesses: _ _ _ _ _

Round 4 (10 letters)

M _ _ _ _ _ _ _ _

Clue: The chemical processes in the body that produce energy and heat.

Wrong guesses: _ _ _ _ _

Answer key

- Round 1: **TISSUE**
- Round 2: **DIGESTION**
- Round 3: **DIFFUSION**
- Round 4: **METABOLISM**

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