

Cells and Systems Matching Game

In Grade 8, you study how living things are organized and how they work. Living things, from single-celled organisms to complex animals, have similar functions that are met in a variety of ways. You will match key terms about cell structure, body systems and how organisms function ([Outcome](#), [Outcome](#), [Outcome](#)). Understanding these ideas helps you see how cells, tissues and organs work together to keep an organism healthy and alive.

How to play

1. Cut along the dotted lines to separate the term cards from the definition cards.
2. Lay all cards face up on a flat surface.
3. Match each term on the left with its correct definition on the right.
4. Write the letter of the matching definition next to each term, or arrange the cards in pairs.
5. Check your answers using the answer key.

Match the pairs

Column A		Column B
A. organism	_____	1. A selectively permeable barrier surrounding the cell that controls what enters and leaves
B. tissue	_____	2. Heart pumps blood to tissues and organs
C. organ	_____	3. Heart, lung, or stomach
D. diffusion	_____	4. A plant, animal, or single-celled life form
E. membrane	_____	5. Muscle, nerve, or skin
F. respiration	_____	6. Stomach and intestines work together
G. circulation	_____	7. Passive transport of particles across a cell membrane from an area of higher concentration to an area of lower concentration
H. digestion	_____	8. Lungs and airways work together

Answer key

- **A** matches **4** (organism: A plant, animal, or single-celled life form)
- **B** matches **5** (tissue: Muscle, nerve, or skin)
- **C** matches **3** (organ: Heart, lung, or stomach)
- **D** matches **7** (diffusion: Passive transport of particles across a cell membrane from an area of higher concentration to an area of lower concentration)
- **E** matches **1** (membrane: A selectively permeable barrier surrounding the cell that controls what enters and leaves)

- **F** matches **8** (respiration: Lungs and airways work together)
- **G** matches **2** (circulation: Heart pumps blood to tissues and organs)
- **H** matches **6** (digestion: Stomach and intestines work together)