

## Activity

# Vocabulary Activity

## Cellular Crosswords

After you finish reading the chapter, use the clues below to complete the crossword puzzle on the next page.

### ACROSS

3. the fluid inside a cell
7. the world's smallest cells
10. the chemical control center of a cell
11. organelle containing digestive enzymes
12. kind of cell that does not have a nucleus
13. organelle that packages and transport materials out of the cell
17. describes an organism that exists as a group of cells
20. A single \_\_\_\_\_ has everything necessary to carry out life's activities.
23. scientist who first described cells
24. energy-converting organelle found in plant and algae cells
25. anything that can live independently
26. groups of organs working together to perform particular jobs in the body
27. a structure performing a specific function within a cell

### DOWN

1. The cells of plants and algae have a hard \_\_\_\_\_ made of cellulose.
2. organelles that break down sugar to produce energy.
4. a combination of two or more tissues working together to perform a specific job in the body
5. organelles that make proteins
6. a group of similar cells that perform a common function
8. cells that have a nucleus and membrane-bound organelles
9. sacs that contain materials in a eukaryotic cell
14. barrier between the inside of a cell and its environment
15. dark area inside the nucleus that stores materials that will be used to make ribosomes
16. scientific description of all living things in terms of cells
18. the cell's delivery system (abbr.)
19. substance that stores energy released by mitochondria
21. a large vesicle that stores enzymes or liquids
22. the cell's hereditary material

Vocabulary Activity *continued*

