

Teaching Cell Structures through Games

Cell Structures Quiz

Below are a list of cell structures and a list of specialized functions. Use the appropriate letter of the structure name and the appropriate number of the specialized function to label the cell diagram that follows. One has been completed for you as an example. Not all terms and functions will be used, and none will be used more than once.

Structures:

- A. Plasma membrane
- B. Nucleus
- C. Ribosome
- D. Mitochondrion
- E. Lysosome
- F. Vesicle
- G. Cell Wall
- H. Chloroplast
- I. Endoplasmic Reticulum
- J. Golgi Apparatus
- K. Cytoskeleton
- L. Flagellum

Functions:

- 1. Divides the interior of the cell from the external environment
- 2. Site of protein modification and lipid synthesis
- 3. Stiff exterior common to plant cells
- 4. Site of protein synthesis
- 5. Provides the cell with strength and shape
- 6. Site of digestion within the cell
- 7. Site of most reactions during aerobic respiration
- 8. Carries or stores substances within the cell
- 9. Location where lipids and proteins are sorted before being sent to their final destinations
- 10. Houses most of the cell's DNA
- 11. Site of photosynthesis
- 12. Long protrusion of the cell that allows for movement through the aqueous environment

