

Cell Structure and Function • Guided Reading and Study
Looking Inside Cells (continued)

10. In the table below, describe the function of each organelle in the cytoplasm.

Organelles in Cytoplasm	
Organelle	Function
Mitochondria	Convert energy in food molecules to energy the cell can use to carry out its functions.
Endoplasmic reticulum	Carry proteins and other materials from one part of the cell to another.
Ribosomes	Produce proteins
Golgi bodies	Receive proteins + other materials from the E.R., package them and distribute them.
Chloroplasts	Capture energy from sunlight and use it to produce food for the cell.
Vacuoles	Store food, water and waste.
Lysosomes	Contain chemicals that break down food, old cell parts and the release substances so they can be used again.

Specialized Cells

11. The structure of each kind of body cell is suited to its function.

Bacterial Cells

12. Circle the letter of each sentence that is true about bacterial cells.

- a. Bacterial cells are larger than plant or animal cells.
- ☒ b. Bacterial cells have a cell wall and a cell membrane.
- ☒ c. Bacterial cells do not have a nucleus.
- d. Bacterial cells do not have genetic material.

cells form tissues that form organs that are part of organ systems that make up an organism.

Looking Inside Cells Answers

Wolfgang Guggemos

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

Looking Inside Cells Answers:

Decoding **Looking Inside Cells Answers**: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Looking Inside Cells Answers**," a mesmerizing literary creation penned with a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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