**STUDY GUIDE:** Eukaryotic Cells: The Inside Story Chapter 3 Section 3

If you **did not receive a passing** grade on this test, in order to retake you are required to:

* **complete this study guide,**

My child had completed this study guide, studied, and is ready to retake this test.

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* **study—this study guide, and**
* **have your parent sign this study guide.**

1. Where are proteins packaged for deliver in the cell and looks like cloth folded back and forth?

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2. What organelle serves as a storage container for water and other liquids in cells and is very large in plant cells? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. What part of the cell keeps the cytoplasm inside and allows nutrients in and waste products out? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. What part of a plant cell provides strength and support? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. What cell part stores DNA that has information on how to make all of the cell’s proteins and is the control center of the cell? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. What organelle modifies the proteins, encloses it in a vesicle and takes it out of the cell?

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7. What organelle makes the proteins?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. What is the fluid that surrounds the organelles called? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. What is made by ribosomes and have many functions like regulating chemical reactions?

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10. What organelle digest food particles, wastes and foreign invaders? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. What organelle breaks down food molecules to make energy? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. What organelle found only in plants and algae is where sugar is made?\_\_\_\_\_\_\_\_\_\_\_\_

Label each of the following plant cell parts.



lysosome