

Name \_\_\_\_\_  
Date \_\_\_\_\_ Period \_\_\_\_\_

## Inside a Cell

1. \_\_\_\_\_ and \_\_\_\_\_ cells are eukaryote cells.
2. The cytoplasm is a \_\_\_\_\_ - \_\_\_\_\_ substance.
3. The cell membrane holds the \_\_\_\_\_ in place.
4. The cell membrane is \_\_\_\_\_ - \_\_\_\_\_ (it lets only some things in or out).
5. The cell membrane is the \_\_\_\_\_.
6. The cytoskeleton provides \_\_\_\_\_, strength and shape for the cell.
7. The endoplasmic reticulum \_\_\_\_\_ (makes) macromolecules and transports proteins.
8. The ribosomes \_\_\_\_\_ (makes) protein.
9. There is \_\_\_\_\_ and \_\_\_\_\_ endoplasmic reticulum.
10. Lipids are found in the \_\_\_\_\_ of the cells.
11. The Golgi apparatus collects, modifies and \_\_\_\_\_ substances.
12. The \_\_\_\_\_ stores and transports substances.
13. The lysosome \_\_\_\_\_ things
14. The mitochondria is the \_\_\_\_\_ of the cell.
15. The mitochondria uses \_\_\_\_\_ and fatty acids to make proteins.
16. The centriole helps with cell \_\_\_\_\_.
17. The nucleus is the \_\_\_\_\_ center of the cell.
18. The nucleus has \_\_\_\_\_.
19. The DNA carries genetic \_\_\_\_\_.
20. \_\_\_\_\_ is cell division.

Name KEY

## Inside a Cell

1. Plant and animal cells are eukaryote cells.
2. The cytoplasm is a jelly-like substance.
3. The cell membrane holds the organelles in place.
4. The cell membrane is semi-permeable (it lets only some things in or out).
5. The cell membrane is the gate keeper.
6. The cytoskeleton provides support, strength and shape for the cell.
7. The endoplasmic reticulum synthesizes (makes) macromolecules and transports proteins.
8. The ribosomes synthesize (makes) protein.
9. There is smooth and rough endoplasmic reticulum.
10. Lipids are found in the membranes of the cells.
11. The Golgi apparatus collects, modifies and packages substances.
12. The vesicle stores and transports substances.
13. The lysosome digests things
14. The mitochondria is the powerhouse of the cell.
15. The mitochondria uses sugars and fatty acids to make proteins.
16. The centriole helps with cell division.
17. The nucleus is the control center of the cell.
18. The nucleus has DNA.
19. The DNA carries genetic messages.
20. Mitosis is cell division.