

Cells Spelling and Vocabulary

- 1. Cell membrane – controls what goes in and out of the cell**
- 2. Nucleus – control center of the cell**
- 3. Cytoplasm – gel-like substance inside the cell; life activities take place here**
- 4. Chromosome – contains DNA; determines the traits of the organism**
- 5. Vacuole – stores food, water, minerals, and waste**
- 6. Mitochondria – powerhouse of the cell; provides the energy for the cell**
- 7. Nuclear membrane – controls what goes in and out of the nucleus**
- 8. Nucleolus – produces ribosomes**
- 9. Endoplasmic reticulum (ER):**
 - a. Rough ER – where the proteins are produced**
 - b. Smooth ER – produces and stores lipids**
- 10. Ribosome – produces proteins**
- 11. Golgi apparatus – sorts and transports proteins**
- 12. Lysosome – digests waste, food, viruses, and bacteria; digestive organelle**
- 13. Cell wall – rigid, outer layer of a plant cell; provides support, shape, and protection for the cell**
- 14. Chloroplast – organelle in a plant cell where the food is made; traps sunlight and produces the food**
- 15. Chlorophyll – green colored matter that actually traps the sunlight to make the food**
- 16. Organelle – structure inside the cell that has a specific job**
- 17. Tissue – group of similar cells that do the same sort of work**
- 18. Organ – two or more tissues working together**
- 19. Organism – organ systems working together to make up an individual**
- 20. Photosynthesis – food making process in plants**