

**Title of Book: CELL STRUCTURE AND FUNCTION (Use Chapter 4 in Holt, pgs 112-133)**

Name \_\_\_\_\_ Due \_\_\_\_\_ Parent Signature \_\_\_\_\_

**SIZE OF BOOK:** Book must be ½ of the 8 ½ x 11 size paper. (See examples in class)  
Entire booklet must be in blue or black ink or typed. All illustrations must be colored with colored pencils—NO markers. All illustrations must include a title and labels.

1. **BOOK COVER:** Must be neat and colorful (inviting for your reader)  
Must include the title "Cell Structure and Function"  
Must be colorfully illustrated (illustration may be computer generated).  
Must include your name and period number
2. **Table of Contents:** List each section and page number
3. **THE CELL THEORY (Holt pg. 114)** A paragraph summary with all three main parts mentioned.  
Include important scientists (3 of them)
4. **CELL WALL (Holt pg. 120)** A paragraph summary  
Include a colorful illustration of a plant cell with all organelles labeled.
5. **CELL MEMBRANE (Holt pg. 121)** A paragraph summary  
Include a colorful illustration of an animal cell with all organelles labeled.
6. **NUCLEUS (Holt pg. 122)** A 2-3 paragraph summary (include info about DNA and the nucleolus.)  
Colorful illustration
7. **ENDOPLASMIC RETICULUM AND RIBOSOMES (Holt pg. 123)** 2-3 Paragraph  
summary including both organelles  
Colorful illustration that includes the ribosomes
8. **MITOCHONDRIA (Holt pg. 124)** A paragraph summary  
Colorful illustration
9. **CHLOROPLASTS (Holt pg. 124)** A paragraph summary  
Colorful illustration
10. **VACUOLES/LYSOSOMES (Holt pg. 126)** 1 paragraph summary for each organelle (2 total).  
No illustration necessary.
11. **ORGANIZATION OF LIFE CHART (Holt pg. 130-133)** Include a picture and summary with examples for each : cell / tissue / organ / organ system / organism  
May be bullet format
12. **GLOSSARY OF OTHER CELL TERMS AND PARTS** Definitions in your own words;  
Alphabetic order  
Include (minimum) : cytoplasm / prokaryotes / eukaryotes / organelles / cytoskeleton / Golgi complex
13. **ABOUT THE AUTHOR**