

Grading Rubric

	Cell Cycle	DNA and Replication	DNA vs. RNA and Protein Synthesis
Components are student-created, appear as they do in the book and are labeled appropriately (40)	<ul style="list-style-type: none"> ○ Cell membrane ○ Nucleus ○ Chromatin ○ Chromosomes ○ Spindle fibers ○ Centrioles ○ Interphase ○ Prophase ○ Metaphase ○ Anaphase ○ Telophase ○ Cytokinesis 	<ul style="list-style-type: none"> ○ Nucleotide ○ Nitrogen base ○ Deoxyribose ○ Phosphate Group ○ Adenine ○ Thymine ○ Guanine ○ Cytosine ○ Replication 	<ul style="list-style-type: none"> ○ Nucleus ○ Deoxyribose ○ Ribose ○ Adenine ○ Thymine ○ Uracil ○ Cytosine ○ Guanine ○ Ribosome (rRNA) ○ mRNA ○ tRNA ○ Transcription ○ Translation ○ Protein
Information is accurate, clear and easy to understand. (60)	<p>All phases of the cell cycle are shown. (30)</p> <p>What is happening in each phase is explained. (30)</p>	<p>Parts of a nucleotide are shown. (20)</p> <p>Process of replication is shown and explained.(40)</p>	<p>Four Differences between DNA and RNA are shown. (20)</p> <p>Processes of transcription and translation are shown and explained. (40)</p>
Bonus points for creativity and/or excellence (+10)			