

Name: \_\_\_\_\_ Per: \_\_\_\_\_

### Cell Division Mini-Book Grading Rubric

	Title	Drawing	Explanation
Cover page			(name + period)
Pg. 1 - Cell Cycle			
Pg. 2 – Chromosomes			
Pg. 3 – Prophase			
Pg. 4 – metaphase			
Pg. 5 – Anaphase			
Pg. 6 - Telophase			
Pg. 7 - Cytokinesis			

#### **3 pts = excellent work,**

**Title** – present, correctly spelled, neat

**Drawing** - neat and well drawn, phase easily recognized, colors used correctly

**Explanation** = clear, logical, and correct, proper terms are used, easy to understand

#### **2 pts = good work**

**Title** – present, neat, incorrectly spelled, wrong

**Drawing** – colors used, directions not followed

**Explanation** = clear, logical, and correct, proper terms are used, easy to understand

#### **1 pts = fair work**

**Title** – wrong title, no name, misspelled

**Drawing** – drawing not clear or not colored, phases hard to identify, effort minimal

**Explanation** = unclear or incorrect, terms not used properly, difficult to understand

#### **0 pts = Missing Work**

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## Cell Cycle Mini-Book Instructions

**Objective:** to create a mini-book describing and illustrating the cell cycle and the process of mitosis.

### Procedure:

1. Follow the instructions to create a small, 4 page booklet (8 pages front and back).
2. Booklets must be colored, neatly constructed, and legible.
3. Cell illustrations will have 4 chromosomes (2 pairs). One pair is large, the other pair is small. Use 2 different colors to represent the mother and father. For example: red = mother, blue = father. The large pair has one red and one blue, the small pair also has one red and one blue (Remember that everyone gets half their DNA from their mom and half from their dad).
4. **Cover page** = title (Cell Cycle and Mitosis), illustration representing the book, your full name and period
5. Each of the following pages will contain information about the cell cycle and the phases of mitosis. For each page you must include the name of the phase, a colored illustration of the process, and a written explanation of what is happening in the stage.
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  - b. Page 2 = Chromosomes
  - c. Page 3 = Prophase
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6. Projects will be peer grades and based on neatness, effort, following instructions, and accuracy of information.

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