

Name:

Date:

Period:



Biology: Mitosis Flip Book Rubric

After you have completed your flipbook, grade yourself using this rubric.

Attach the rubric to your project when you turn it in.

FORMAT	3 points	2 Points	1 Point	Student Score	Teacher Score
Pages		Pages are the same size, and larger than 3"x 3".	Pages are large enough to see the drawings.		
Binding		No loose pages, and the binding is not easily broken.	An attempt to bind pages was made.		
Phase Pages		All phases have at least 5 sketches.	The number of pages per phase is adequate.		
CONTENT					
Chromosomes	Phases have correct # of chromosomes, and homologues clearly line up and separate.	The # of chromosomes is correct for each phase.	The number of chromosomes in the starting and ending cells is correct.		
Nuclear envelope		Nuclear envelope present and absent in the correct phases.	Nuclear envelope included in the flipbook.		
Spindle fibers		Spindle fiber placement with centrioles is accurate.	Spindle fibers appear in the correct phases.		
Cell membrane		Cell membrane is present and divides in the correct phase.	Cell membrane is present.		
Centrioles		Correct number and placement of centrioles.	Centrioles are present.		
Phase titles		All phases are correctly titled.	Most phases are correctly titled.		
DRAWINGS					
Animation		No skips or jumps between phases or across pages.	Some skips and jumps, but the intent is clear without error.		
Clarity		Bold drawings, no faint pencil marks, no major eraser smudges, legible writing.	Clear enough to count chromosomes and recognize structures.		
TOTAL:				/23	/23
BONUS: Creativity	Extra time and effort went into the project to make it stand out.	Elements of color, humor, or alternative media were incorporated.	More than plain pencil and eraser were used to create the flipbook.		
GRAND TOTAL:				/23	/23