

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: | | | | /26 | /26 |
| 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: | | | | /26 | /26 |