

# Cell Cycle Comic

Learning Goals	Objective
<ul style="list-style-type: none"><li>• Students know cells divide to increase their number through a process of mitosis, which results in two daughter cells with identical sets of chromosomes</li><li>• Students know that as multicellular organisms develop, their cells differentiate.</li></ul>	<ul style="list-style-type: none"><li>• Create a comic that describes the Cell Cycle in 6-12 panels</li><li>• Incorporate vocabulary terms into storyline</li></ul>

**Use the following terms or phrases in your comic  
(check off as the terms are used)**

- |  |                                     |
|--|-------------------------------------|
| <input type="checkbox"/> Copy <u>OR</u> Copied | <input type="checkbox"/> Mitosis    |
| <input type="checkbox"/> Chromosomes           | <input type="checkbox"/> Interphase |
| <input type="checkbox"/> Parent Cell           | <input type="checkbox"/> Prophase   |
| <input type="checkbox"/> Identical Cells       | <input type="checkbox"/> Metaphase  |
| <input type="checkbox"/> Differentiate         | <input type="checkbox"/> Anaphase   |
| <input type="checkbox"/> Specific Functions    | <input type="checkbox"/> Telophase  |

## Final Thoughts

1. Be sure to incorporate the changes your 'cell' will go through in your storyline for each phase of the cell cycle.
2. Your grade will be based on accuracy, creativity, and neatness.
3. Come up with an original idea that's interesting to you and have fun with it!

# Comic Rough Draft

**Step 1:** Brainstorm ideas for your comic (characters, movies, games, etc.).

**Step 2:** Quickly sketch scenes and add notes. Be sure to explain changes taking place to your 'cell' with each stage of the cell cycle. Extra panels are provided, but try to condense it down to 12 for the final draft.






**Step 3**: Check that you have used all of the terms and describe all of the phases of the cell cycle before creating your final draft.







