**Mitosis Cartoon Strip**

**Directions:** You will be making a cartoon strip of the cell cycle.

Before you begin, ask yourself what do good cartoon strips have in common? They are colorful, they entertain you, and they tell a little story all within a window.

You need to do all of these things in your Mitosis Cartoon Strips, be colorful, entertaining, and informative.

In your mitosis cartoon box, you will be describing events in a creative way.

**You must have the following:**

1. A title box which has the title of your cartoon strip, your name, and the date.
2. A cartoon picture for at least 4 parts of the cell cycle (interphase, prophase, metaphase, anaphase, telephase, cytokinesis).
3. A caption that says something that calls attention to each of the 4 parts of the cell cycle.
4. You must use a different box for each of the 4 parts of the cell cycle.
5. You must have colorful, well drawn pictures that help identify the setting as well as the message you are trying to convey. **No computer graphics/printing allowed! No stick figures!**
6. A description underneath the cartoon window that describes the message you are trying to show.

**Comics will be graded based on the following criteria:**

- 20 points for properly using each part of the cell cycle in the proper order.
- 5 points for creativity/telling a story while using at least 4 parts of the cell cycle.
- 5 points for neatness in drawing each part of the cell cycle.
- 5 points for colorful depictions of each part of the cell cycle.
- 5 points for accuracy and detail within the pictures.

This is a 40 point lab grade that is due Monday, October 29, 2012. You will have some class time (Monday and Tuesday) to work on this, but the remainder of work you are required to complete on your own time.

**Alternative Projects requiring pre-approval for students scoring 90% and above in 1st quarter**

1. Tell a story about mitosis (at least 2 typed pages long; 1,500-word minimum). It should be creative and incorporate everyday life into the story (1 person project).
2. Make a movie using your iPod; you will need to create characters and film the event (2 person project).
   Note: iPod and materials are your responsibility.
3. Create a mitosis song that sings or raps through the phases of mitosis. You will need to video tape yourself (2 person project). Note: both people will need to sing in the video.
Helpful ideas

1. A title box which has the title of your cartoon strip, your name, and the date. - Think of a catchy, funny title. It can be about mitosis or about something in your everyday life. It should have a tie to your cartoon strip. So what is the title of your cartoon? Write it here:

2. A cartoon picture for at least 4 parts of the cell cycle (interphase, prophase, metaphase, anaphase, telephase, cytokinesis). - Think of a funny event similar to the cartoons we saw in class or any cartoon that you might read every day. For cell division, some ideas could be:
   a. Two cells splitting up kind of like a boyfriend and girlfriend splitting up. What happens when they go to split up the belongings?
   b. What happens during cell division if a large area of people suddenly becomes even more crowded? If you are at a Keisha concert, where would you sit?
   c. Pick a sport where the numbers are very specific on each team. For example, football has 11. Then think of something funny that could happen if there are too many players on the field. If cell division happens in football, suddenly there are too many cells on the field and there is a penalty. Or what happens in soccer if there are 4 goalies instead of 1?
   So think of an idea and write about it here:

3. A caption that says something that calls attention to each of the 4 parts of the cell cycle – Each box needs to have a picture that has a basic tie to cell division and mitosis. Rough sketch your ideas in the boxes below.
   a. This is not the final copy. Rough sketch only.
   b. You can use stick figures at this point to help pull together the idea.
   c. You can also just write about what you plan to draw in each box.
   So rough map your cartoon and write/draw it here:

4. You must use a different box for each of the 4 parts of the cell cycle.
5. You must have colorful, well drawn pictures that help identify the setting as well as the message you are trying to convey. No computer graphics/printing allowed!
6. A description underneath the cartoon window that describes the message you are trying to show.