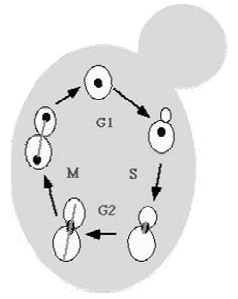


# Cell Division PowerPoints

You and your partner are going to create a PowerPoint slide show to show the processes of mitosis and meiosis.



Follow the steps carefully to make sure you have a good product!

1. Use your textbook and the web resources at [http://science-class.net/cell\\_division\\_ppt.htm](http://science-class.net/cell_division_ppt.htm) to get a clear idea of what happens during cell division. Refer to the book and website as needed while making the slide show.



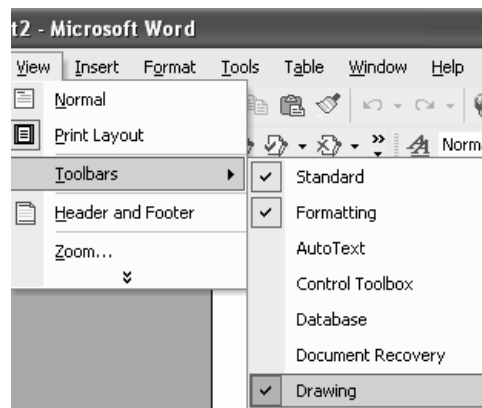
2. Open PowerPoint.
3. Start a blank presentation.
4. Begin with a Title slide:



5. Title the slide "Cell Division" and put your names in the subtitle box. See Slide Template.
6. Insert a new slide. Choose the Title slide layout again. Put "Mitosis" in the title box. Put the definition for mitosis in the subtitle box. See Slide Template.
7. Insert a new slide. Choose the Title Only slide.

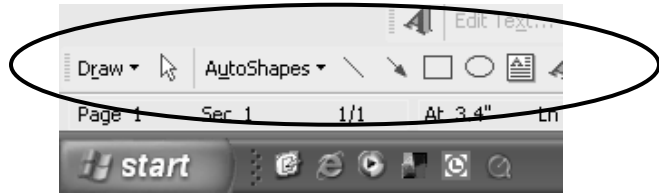


8. Title this slide "Interphase." See Slide Template.
9. Make sure the Drawing toolbar is selected:

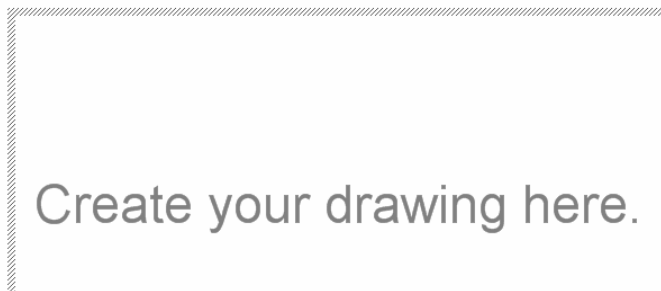


10. Use the Draw Feature in PowerPoint to make a diagram of a cell in Interphase. Include:

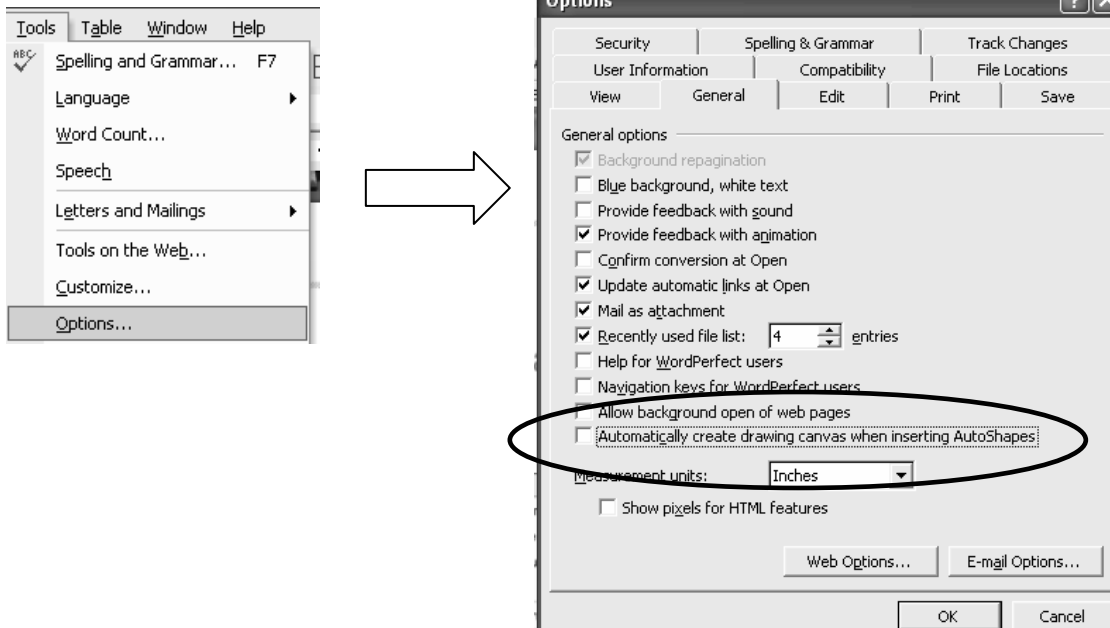
- a. Cell membrane
- b. Nucleus
- c. Chromosomes



11. If you get a drawing canvas like this:

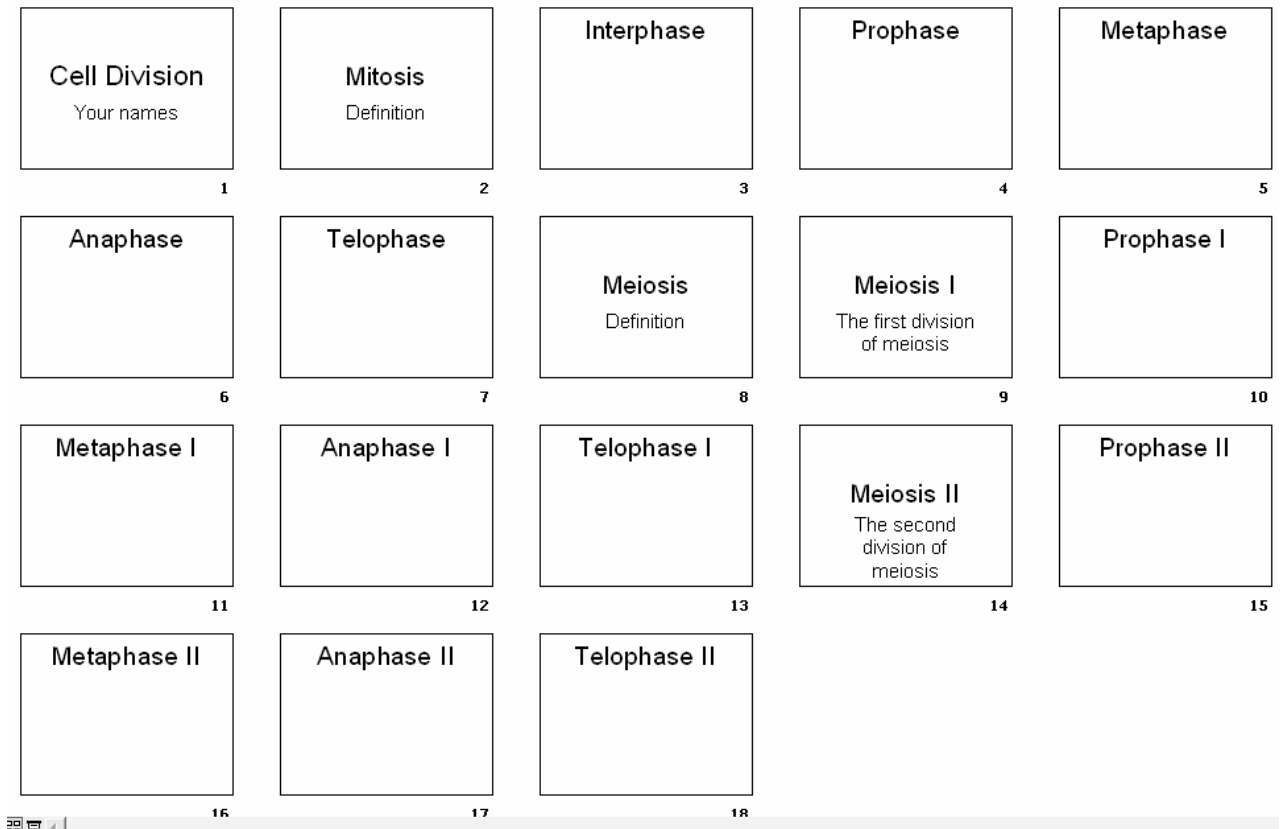


and you do not want it on the screen, go to Tools → Options → General and unclick “automatically create drawing canvas when inserting AutoShapes”:

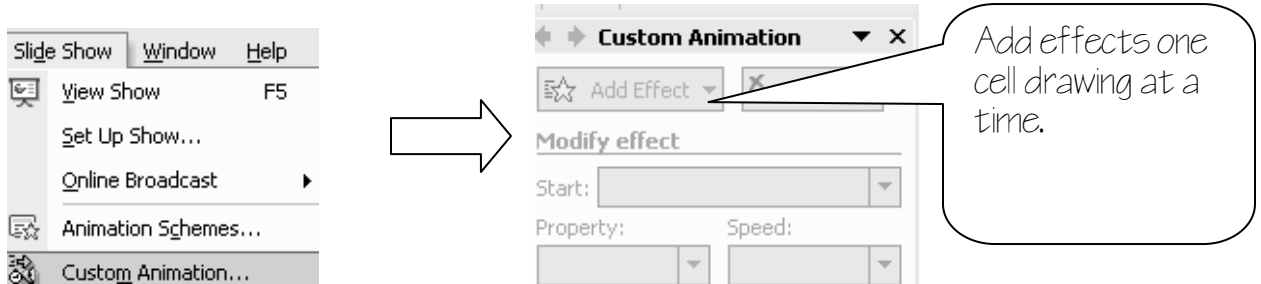


12. Continue inserting new slides and drawing the phases of mitosis and meiosis by following the Slide Template.

## SLIDE TEMPLATE



13. Animate the slides so the changes in the cells are shown.



14. Use good PowerPoint design for the background, fonts and slide transitions. See handout for guidelines.