

<http://nkscience.weebly.com/unit-4-make-up-work.html>

## Lesson 4.4

- Warm Up: Watch the Animation & try the Practice Quiz: [How the Cell Cycle Works](#) You don't have to write anything down, but it is important you see this information!
  - Then, take *quality* notes from the reading at: <https://www.ck12.org/biology/cell-cycle/lesson/Cell-Cycle-BIO/>
    - **NOTE: If the web site doesn't load, please try a different browser or see Ms. Kimball at tutoring and she'll display it for you!**
  - Include the diagram of the cell cycle that appears after the paragraph in the section titled: "The Eukaryotic Cell Cycle"
  - Answer "Review" questions 1-6 in complete sentences.
  - Answer "Explore More" questions 1-4 in complete sentences. *NOTE: If these don't show up for you because it's asking you to sign in, use these 4 questions instead:*
1. Some cells, such as nerve cells, exit the cell cycle and don't enter mitosis, meaning they won't divide. This is sometimes called a "resting" phase - what is the other name for it that appears in the diagram?
  2. What does the DNA Synthesis Checkpoint check for?
  3. What does the Cell Growth Checkpoint check for?
  4. Why are cancerous cells dangerous?