

Cancer WebQuest Assignment

Name _____

To complete this assignment go to the following site by either typing it in a web address bar or by going to the Biology I class website and clicking the "Cancer WebQuest" link in the current unit schedule.

http://science.education.nih.gov/supplements/nih1/cancer/activities/activities_toc.htm

Section I: Cancer & the Cell Cycle

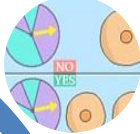
Click on *Cancer & the Cell Cycle* tab on the left hand side of the page. Next, click on the "Cell Cycle Animations" link towards the top of the page. Watch each of the animations and write a one sentence summary of each animation.

Animation 1



Cancer involves:

Animation 2



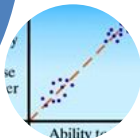
Cell division is normally:

Animation 3



Cell cycle regulation is accomplished by:

Animation 4



Cancer-causing agents often...

Animation 5



When damage occurs to genes that regulate the cell cycle...

Cancer &
the Cell
Cycle

Section II: Cancer Research

Choose one type of cancer. Using reputable websites (.edu, .gov, .org), research the cancer and fill out the following information about the cancer you chose. Examples of reputable websites: <http://www.cancer.gov/>, <http://www.nlm.nih.gov/medlineplus/cancer.html>, <http://www.cdc.gov/cancer/>, <http://www.mayoclinic.com/>

Name of Cancer:



Brief description



What part of the body does this cancer affect? What is the normal function of that body part?



What are some of the risk factors associated with this specific cancer type?



What are some of the most common signs/symptoms (list at least 5)?



How is the disease most commonly detected/diagnosed?



What are the types of treatment available for this cancer? What is the most commonly recommended type of treatment?



List and describe at least 3 common side effects of the cancer type you chose.



List at least three current statistics of this cancer (e.g. occurrence, survival rate, etc...).

