

## **Cell Cycle Project**

You will have a partner for this assignment. Please know that this is a summative grade (replacing labs).

You will fill out a student project survey about how your project went so I know if work was distributed and accomplished in an equal and orderly fashion.

Use the following information to make an Adobe Spark video showing the complete cell cycle and cancer information (A-B grade). You may want to start with a Google Slides presentation, so that both group members can work on it at the same time. If you do not do an Adobe Spark your highest possible grade is a B (so you can choose whether or not to do the extra work on Adobe Spark for an A)

### **You need to have:**

- The 6 stages of the life cycle of a cell
- Main points and identifying characteristics for each
- demonstrate each and include at least 1 picture
- Must have one picture demonstrating phases (hand pictures)
  - Pics from the internet- source->web address- end slide or at bottom of screen
- Your choice to add narration or music- make sure it adds to presentation and does not distract.

### **Cancer slides (2):**

- Identify a specific type of cancer (recommend using websites given on Google Classroom)
- Main characteristics and symptoms
- Treatment options

**No more than 1 minute in length!!**

	4	3	2	0-1
<b>Cell cycle purpose</b>	Purpose clearly stated, examples given	Clear purpose	Unclear purpose	No purpose given
<b>6 Stages of Cell Cycle</b>	All six stages	4-5 stages	2 or 3	Fewer than 2
<b>Mitosis Phase pictures 2x</b>	All six hand motions for stages	4-5 pictures	2-3 pictures or found on internet	Fewer than 2 pictures or found on internet
<b>Other pictures</b>	Six pictures directly relating to each phase, from the internet or from worksheets in class	4-5 pictures directly relating to each phase, from the internet or from worksheets in class	A few pictures somewhat related to stages	A picture or two, not related to cell cycle
<b>Mitosis Phase descriptions 2x</b>	Concise but complete definition, in own words	Definitions, mostly complete, missing one or two parts	Incomplete definitions	Missing definitions,
<b>Cancer- type and characteristics-</b>	Identify the type of cancer and major characteristics/symptoms	Cancer identified, most characteristics identified	Unclear on one specific cancer, not well identified from other types	No cancer type given and not explained
<b>Cancer treatment</b>	Treatments explained and outlined thoroughly, prognosis (remission/life expectancy)	Treatments explained	Treatment not explained well, no information on life expectancy	No information
<b>Resources/websites used 2x</b>	All pictures are cited, cancer resources used	Most pictures cited, cancer resources used	Incomplete citing of pictures and cancer resources	No or very little information for pictures and cancer resources
<b>Visually appealing, use of music</b>	Easy to read, visually well organized, not cluttered	Organized well, a few errors in writing or information	Overly cluttered or sparse, hard to follow information	Little information, not well organized, missing large parts of expected information
<b>Accuracy of information</b>	Concise information, well written in own words		Too long (from the book/internet) or too short, not in own words	