**Mitosis Animation Instructions**

You will create a digital Mitosis flipbook animation using your iPad.

The application (app) you will use is called *“Animation Express”* (other animation apps may be used WITH approval and/or by recommendation by Ms. Tharayil).

Your animation will consist of two parts:

1. Depict each of the stages of Mitosis as well as Cytokinesis
2. Have a voiceover recording that will narrate what is happening in each stage.

**First, you will** **write the script for your voiceover narration. Your voiceover narration script SHOULD:**

* Briefly explain what Mitosis is (“it is the process of …”)
* CLEARLY yet CONCISELY name AND explain what is happening in each stage of Mitosis
  + Each stage should be explained in 1-2 sentences MAXIMUM.
* Mention how many daughter cells are formed at the end and how many chromosomes each daughter cell has in comparison to the mother cell (you do NOT need to state a specific number)

*\*You must* ***type out*** *your narration and will* ***submit it to me****\**

*\*You should also practice reading your script several times before you record it\**

**Then, you will draw your animation on your app .** (This may take some time, and will take several attempts). **Your animation SHOULD:**

* Have at least 2 chromosome PAIRS (4 chromosomes total) depicted
* Each picture must match what your voiceover narration is saying as it is playing (i.e. if your voiceover narration is talking about what happens in “prophase,” I should not see a picture of metaphase instead).
* Be neat and include some varied colors

**You will create your OWN INDIVIDUAL animation**. However, you may work with a partner to help draft and your scripts and to discuss how to make your animations, but your animation should reflect your own work as well.

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