

Title: Biology Mitosis and Meiosis Pro

Version: 2.52

Publisher/Producer/ Creator: Peter Simpson

Target Audience: This app could be used for any junior high to high school students in a science class.

Type(s) of software: I would use this app mainly for the tutorial part of it because there is a section called “learn” and it involves learning the process for mitosis and meiosis. However, this app can be used for drill and practice because it allows the student to interact with the app and go over the processes again.

Curriculum(s): This would work for an 8th grade science class or above because students start to learn about these processes in junior high but continue in high school.

Cost: The app did not cost anything, nor did I have to pay for in-app purchases.

Description: When you first open the app, it allows you to pick from the topic’s chromosomes and karyotypes, mitosis, meiosis, and binary fission. I clicked on mitosis. You have three different selections to pick from: learn, interact, or test. The learning section is about learning what mitosis is, what the processes are, and the reason for having each of those processes. It is basically like you are reading a textbook, but more colorful and shorter passages. You can select interact which allows the student to reenact cell division by themselves. They are told what to do, and they must figure out what part of the cell they are referring to, so this helps with recalling information. Lastly, you can choose to take the test. It was about 20 questions, and it does give you a score at the end. While you are taking the test, if you click the wrong answer it does count against you, but you can retry for the right answer, you just won’t get a better score for getting the right answer on the second try. This is for every selection that was at the beginning of the app.

Impressions: I liked using the app because it was very straightforward, and the explanations were short, but it was able to explain the bigger points. I did not like the music as much, but once you click on learn, interact, or test then the music cuts off and you have silence. The music was a little annoying, however, I understand having the music since most people do not want a complete silent app. It was colorful, the explanations were great, and the interaction part was nice. I don't have anything else that I would change about this app.

Does the software pass Review? Yes

Does the software pass Evaluation? Yes