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|  | |  |  |  | | --- | --- | --- | |  |  |  | |  | ***Materials:***   * 250 Surveys * 18 CD Players/Headphones * AA Batteries * Binder Paper * SAT Prep books * 18 Copies of the selected passages * Assorted CDs   ***Experiment:***  To test my hypothesis, I [surveyed](http://docs.google.com/page9.html) 220 out of the 900 juniors and seniors at Amador Valley High School. I gave them all the same directions; I let them know that this was a project for my Health & Bioscience Academy as well as AP Biology, and then I told them to fill out the survey honestly and completely. I tallied to results of the surveys, which told me if the student listens to music while doing homework or not, what type of music s/he listens to while doing homework, and if s/he would be willing to participate in my experiment.  After tallying my results, I made a list of all the prospective subjects and then contacted them to let them know when to come participate.  When subjects arrived, I handed them a piece of paper, a test, a CD player, and their CD(s). (Students who listen to music while doing homework got two CDs, whereas students who do not listen to music while doing homework only got one.) *It was quite disappointing to see that about thirty-five of the people who said they would volunteer never showed up. That was detrimental to my results.*  When all the subjects had arrived, I gave them instructions. I gave them the rest of the period to take three (or two) tests. The first test was without any music. The second test was with their favorite CD (or the *one* CD that they had). If they were taking the third test, they listened to their least favorite type of music. They read the passages and answered the questions with the music.  After everyone was finished with the test, I graded them and began my analysis. I ran three different tests on the data for people who listen to music while doing homework, and two tests on the data for people who do not listen to music while doing homework. |  | |  |  | | | | | | |
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