Is a Pandemic Academic?

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The purpose of this experiment is to see if there are statistical trends that exist with student's GPAs before and after COVID-19. Deidentified data was collected from the Monte Vista School District from the classes of 2025, 2024, 2023 and 2022 including students' GPAs, ethnicities, gender, and income level. The results showed that out of the classes analyzed, the class that had the most decrease in average GPA was the class of 2025, then the class of 2024, followed by the class of 2023 and finally the class of 2022 who increased in average GPA over the last four years. T-test values showed that for the majority of the classes and years the students who are female, on subsidized lunch, or white had the least amount of decrease in GPAs. In conclusion, as a whole, the students of Monte Vista high school have had lower academic success rates since the start of COVID-19. While the classes did not have the same decreases in average GPA, and the class of 2022 has improved as a whole, the pandemic definitely had an effect on the education system and the students within the education system.

Awards Won: