

VEX Robotics is a projection of my future in engineering. Junior year is a crucial time of high school, where major decisions are made and planning for college begins. What is engineering as a career like? Will it be interesting? Due to my involvement in VEX Robotics beginning in sophomore year, my perspective of my future has largely changed. And with my new realizations, my initial dubious consideration of engineering has solidified into a confident assertion. Surprisingly, I displayed little interest in math and science before I joined robotics and I ignorantly claimed that math and science was too banal. However, robotics has shown me calculus, geometry and physics in a new light, none of the staid textbook style of stereotypical education but an intriguing application and connection to practical world situations. Calculating gravitational force, electrical resistance and current, optimizing areas suddenly became highly relevant. I have become more interested in science and math oriented subjects and careers not because of external pressure, but because science and math has become fascinating to me ever since I joined the robotics team. VEX robotics has given me reassurance and comfort that science and mathematics has a practical application, not only for complex high-end engineers but for a few high school students with high aspirations working together to construct a robot.