

Designed for Vex

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9th grader

My hobbies have ranged from soccer to chess to violin. But none will ever offer me more than what I've gained from Vex, or impact my future any more greatly. Vex is truly unique in all of life's aspects it can fulfill. For the fourth year, Vex Robotics has given me an international experience and exposed me to the elegance of designing.

Watching the Dallas 2010 World Championships, the first thing that made me jump into robotics was the beauty emanating from the designs. From the efficient Singapore designs to the innovative designs of Green Eggs, it blows me away what I see. Since then, I've learned about making trade-offs to create innovative, economical, and efficient designs.

Connecting with school classes, I learned physics, from the vector forces in mecanum wheel drives to the center of gravity. Vex also taught me to use tools like the decision matrix to evaluate different design proposals. The Autodesk Sustainability Challenge introduced me to the excitement of the designing world. Working with CAD and animation in Autodesk Inventor challenged me and showed me the benefits of planning out your design.

Vex created an obsession for engineering and design that is now driving me down that career path. Vex has taught me innumerable life learning skills and let me experience the passion of the engineering community. The technological and interactive aspects of the Vex program truly made for an immersive, impactful experience that has shaped me for the engineering future now set in my sights.