**VEX Robotics Essay Challenge**

West Morris Mendham High School

**Members of Team 3056**  February 12, 2011

Tyler Carrara

Bradley Ellmann

Joseph Falvo

Kyle Persau

Vex Robotics is a great way to learn about engineering, programming, problem solving, and working under pressure to create the most efficient robot. VEX Robotics is more than just a club; it’s a group of people working together and using new technology to achieve a goal. Whether your role for the day is designing the drive train, the manipulator, the programming, or working on the engineering notebook; the resulting product is a compilation of the best of our ideas.

Creating a robot is more challenging and plagued with far more obstacles than originally expected. While solving these problems, we found ourselves asking “how far can we go?” The constant room for improvement coupled with the desire for perfection makes robotics extremely addicting.

Our experience with VEX Robotics has impacted our high school education, in that we are now far more fascinated with math, science, engineering and their practical and technical applications. Previously, half of our team displayed an interest in pursuing engineering in college. Currently, three quarters of us are likely to include a form or engineering in our college studies.

VEX Robotics has inspired us to realize that we have the ability to create something from metal, plastic, rubber, and a few batteries. We all agree that regardless of our ultimate career choice, it is the teamwork, problem solving and improvisational skills obtained from the VEX experience that will benefit us the most.