**What does VEX Robotics Mean to Me?**

Joining ACS(I)’s Robotics Club only a year ago, I believe that I have discovered a new way to think and create. VEX has provided the perfect platform on which I have been able to create something truly unique and special. Whilst the VEX Design Platform may look straightforward to begin with, I quickly learnt the complexity of this platform. From the basic ‘nut-screw’ principle to the use of solenoids and a proper pneumatics system, VEX is really a wonderful design system that I love using.

I have had ample opportunities to participate in all kinds of competitions. Recently competing in Both Singapore and Asia-Pacific VEX, I have learnt the “every-screw-counts” ideology. Competing in events has allowed me to learn from my seniors but also from other teams. In competitions like these, I have also learnt the importance of teamwork and collaboration.

My creativity and innovation has been allowed to grow through helping and watching my seniors. For example, for Asia VEX, we wanted to use an 8-motor base. The conventional design uses either 2 or 4 of these motors to lift an arm or a scissors lift. My team came up with the idea to use a pneumatics system to lift the arm. This allowed us to have our powerful 8-motor base but still have a quickly-lifting arm.

In Robotics, I have made good friends and learnt more about the world of Robotics. But one thing I can be sure of is that I’ll never be bored in this club!

Exactly 250 Words!