

David Thompson Secondary School

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Dear Parents of PAC,

I would like to Thank You for the opportunity that allows us to make this request. I like to set the stage by telling you about our Electronics program within the Technology Studies department.

Currently, our school offers Electronics 12 – Robotics as a day school, full year course. There are 18 students currently signed up for the program. The students learn about robotics and robotics technology during class and our students demonstrate their learning via the construction of a VEX robot.

Our students then take their VEX robot and compete locally, provincially, and internationally at various venues. The VEX Robotics challenge is much different than robotics challenges shown on Tv. The VEX competition is not about destroying other robots or besting your opponent in a test of strength and tenacity. The VEX Robotics Competition is a challenge of creative skills and mastery of engineering.

In the past our students have achieved a number podium finishes, but what I am most proud of is their achievement and recognition in the area of “Good Sportsman Conduct”, which is nominated by other competing schools and by competition officials. I look forward to continue to have the pleasure of fostering such deserving students in the robotics area.

At this time, I would like to request a sum of \$3000.00 to help purchase robotic replacement parts and to pay for competition registration for our robotics team(s).

Each of the competition is extracurricular in nature. Each student going on the trip will be paying \$50 to \$150, and even up to \$1500 for their own transportation and accommodation cost.

The PAC fund will have a multitude of positive net effects for our students.

- On the first tier, the fund will benefit the 10 to 15 students going to each of the individual competition events. We are planning to attend 5 competition events this year.
- On the second tier, the same replacement parts purchased will be used in the classroom (after the competitions) for our 100 full time - day school - electronics students in 4 classes.
- On the third tier, it will allow other perspective students to see the positive net effects of our school’s electronics and robotics program. Our programs will most certainly offer these young enthusiasts an opportunity to engage in this curricular and extracurricular learning opportunity.

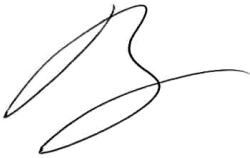
These are unique times for our school; the funding that PAC provides will allow us to run a curricular program as well as having extracurricular activities that supplement the students' daily learning.

It is my intension to spend the granted sum well before April 30th of 2011.

I would like to offer you a short video put together by a former student of two robots competing to navigate past each other: <http://www.youtube.com/watch?v=h79qkhjLLOk>

This clip is somewhat out dated; our current robots are much more sophisticated and complex. Our current VEX competition requires each robot to pick up a number of plastic rings and deliver them to a predefined location and to hang the robot off a 3 foot ladder before the 2 minute time allotment expires.

Please give our request a serious consideration. Thank you for your time.

A handwritten signature in black ink, appearing to be the name 'Brian Yu'. The signature is stylized with a large, sweeping 'B' and a trailing line.

Brian Yu
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