



November 2015

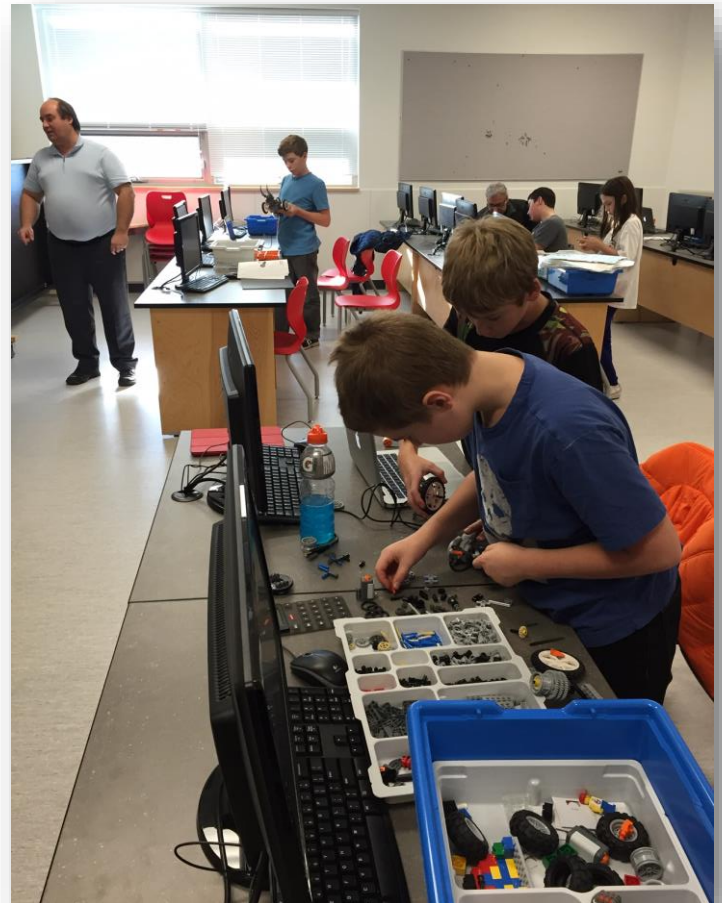
Robotic Technology



Robotics is designed for students with a passion for science, hands-on building, computer programming and a curiosity of how things work. Fraser Valley Distance Education Robotics program teaches students robotics programming and engineering skills.

Programming and building robots incorporates learning in various fields including: computer systems, robotics, mathematics, logic structures, and design theory using technology as a catalyst for learning. The program is a comprehensive academic program that engages students through science and encourages independent learning and critical thought processes.

The robotics program is a six-week program (15 hours of instruction). It is designed to engage and challenge both beginner and experienced students. This is followed by a second, competitive stage of programming that is around 50 hours of instruction, and culminates with the Fraser Valley Distance Education School (FVDES) entering teams into the Provincial Skills Canada competition.



FVDES teams placed fourth in the Gearbots Competition Division and third in the Gearbots Challenge Division in last year's competition!

Grades: 4 – 9

Teachers: Dennis Miller and George Porro