

Are you the Next Generation? - Robotics II at Vejar!

Summary of Program

Vejar Robotics Veterans will be able to take part in the "Level II" program to refresh and advance their skills. Participants will review terminology, servo motors, and sensor usage as well as improve their programming skills with the graphical interface. Students will work in teams of three to design and build their very own sumo bots and robots to follow lines and traverse mazes. Teams will be preparing for the end-of-the-year robotics challenges. ***Participants in this program are invited to participate at the 9th Annual Cal Poly Pomona Robot Rally - the largest event in California of its kind! The Rally will be held on Friday, May 8th.***

Logistics:

Duration: 1 hour weekly Monday classes for 5 weeks (March 30; April 13, 20, 27; May 4)

Capacity: 24 students per class

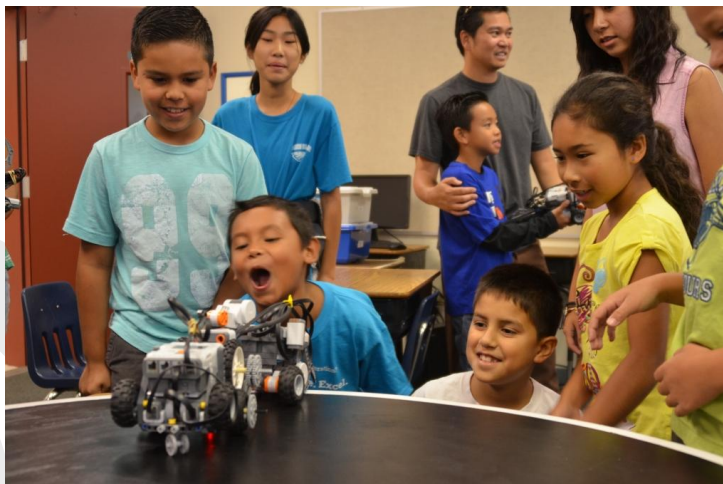
Age Range: 3rd – 5th grade

Location: Vejar Elementary Multipurpose Room (2:50 - 4:20 PM ; note this is a 1.5 hour weekly class!)

Cost: \$160

Benefits:

- Access to expensive robotics materials costing \$400-\$600
- Team usage of computers
- Instruction by highly trained STEM instructors and some industry professionals who are specially trained with the STEM Center USA guided-discovery pedagogy.
- Preparation for a challenging, fun competition
- Invitation to the special Cal Poly Pomona Robot Rally



At just \$15/hour of instruction plus a nominal material and facilities fee, we do our absolute utmost to make our program as affordable as possible while still offering a cutting-edge, exciting, and hands-on opportunity for our kids!

Did you know?

Only 33% of eight graders are interested in STEM majors and only 6% of high school seniors will pursue a bachelor's degree in a STEM field.

-National Academy of Engineering

Students with bachelor's degrees in engineering have the highest average starting salary offers compared with students with degrees in other subjects.

-Office of Naval Research Stem to Stern

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Registration Form

Class: Discover Robotics II at Vejar Spring 2015

<p>MONDAYS 3rd - 5th graders 2:50 - 4:20 PM (right afterschool) Dates (6 sessions): March 30 April 13, 20, 27 May 4</p>	<p>Please make checks payable to STEM Center USA. <i>Return to Vejar front desk by Wednesday, March 25th!</i> Classes will be filled on a first come, first serve basis. If a minimum class size is not reached, the program may be rescheduled or cancelled.</p> <p style="text-align: right;">Cost: \$160</p>
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Please use all CAPS when filling out this registration form. Thank you!

Student Name: _____ **Age:** _____ **Grade:** _____

Gender: _____ **T-Shirt Size (Circle one):** YM YL YXL AS AM

Address: _____ **City:** _____ **State:** ____ **Zip:** _____

Parents/Guardian Name(s): _____

Email: _____

Phone (home): _____ **(cell):** _____

Emergency Contact

Name: _____ **Relationship:** _____

Phone: _____ **Address:** _____

Check here if your child has taken robotics at Vejar previously

TALENT RELEASE

I hereby consent to the use of the image, voice, or both of my child, recorded in the video, photograph, or audio either in whole or in part by the STEM CENTER USA for educational, research, advertising and marketing purposes without compensation.

Name (Please print)	Parent/Guardian's Signature	Date

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