

Junior STEM! An exciting early coding & robotics program for K-2 students

Summary of Program

This 6-week course will introduce young students to elementary robotics through a series of *hands-on activities*. Students will have the opportunity to design, build and program their own models. Students will *learn to code* and control their creations with a friendly graphical interface as they get into the logic of programming. Students will learn to use various parts, motors and sensors. Students will be paired in teams of two to build and program things like robotic helicopters and robotic alligators! This course enables students to work as young engineers/scientists in an interactive environment and help build their teamwork skills as well. Be sure to ask your student what he/she has built each week!

Logistics:

Duration: 1 hour weekly Thursday classes for 6 weeks (April 2, 16, 23, 30; May 7, 14)

Capacity: 18 students per class (we will limit students for the best experience for your kids!)

Age Range: K - 2nd grade

Location: Vejar Elementary Classroom 5 from 2:50 PM - 3:50 PM (right after school)

Cost: \$147

Benefits:

- Access to *expensive robotics materials costing \$200+*
- 2:1 student to computer access
- Instruction by highly trained STEM instructors and some industry professionals who are specially trained with the STEM Center USA guided-discover pedagogy
- Introduction to high-tech education with robotics materials and a taste of the coding world



At just *\$17/hour of instruction* plus a nominal material 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 eighth 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

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Registration Form

Class: Junior STEM I at Vejar Spring 2015

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| <p>THURSDAYS K - 2nd graders 2:50 PM - 3:50 PM (right afterschool) Dates (6 sessions): April 2, 16, 23, 30 May 7, 14</p> | <p>Please make checks payable to STEM Center USA. <i>Return to Vejar front desk by Friday, March 27th!</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: \$147</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):** YS YM YL AS AM

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

Parents/Guardian Name(s): _____

Email: _____

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

Emergency Contact

Name: _____ **Relationship:** _____

Phone: _____ **Address:** _____

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. The full name of your child will never be disclosed along with their image.

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