



STEAM Bot Workshop

-Robotics- -Coding- -Fun-

3272 Motor Avenue, Ste B Los Angeles, CA

Welcome to STEAM Bot Workshop! We are two aerospace engineers who love education and want to provide the best curriculum to your children to excite learning and innovation! We are starting a few new 8 weeks classes from the week of 2/9 to 3/30! All 1 hour class is \$120 for 4 classes and all 2 hours class is \$250 for 4 classes.



Game Design using Processing (Ages 9 and up) NEW 8 weeks class starting 2/9 Sunday 10 -12pm
Processing is a flexible software sketchbook and a language for learning how to code within the context of the visual arts. Since 2001, Processing has promoted software literacy within the visual arts and visual literacy within technology. There are tens of thousands of students, artists, designers, researchers, and hobbyists who use Processing for learning and prototyping.

Intro to VEX EDR (Ages 10 and up) NEW 8 weeks class starting 2/9 Sunday 10 -12pm
The VEX EDR Robotics Design System offers students an exciting platform for learning about areas rich with career opportunities that span science, technology, engineering and math. Beyond science and engineering principles, a VEX Robotics project encourages teamwork, leadership and problem solving among groups.



LEGO WeDo (Age 5 to 7 yr old) NEW 8 weeks class starting 2/9 Sunday 2 -3pm
LEGO Education WeDo 2.0 Core Set is a hands-on STEM solution that combines the LEGO brick, classroom-friendly software, engaging standards-based projects and a discovery based approach. Designed with collaboration in mind, each Core Set supports two students, introducing them to computational thinking and engineering principles in a fun and engaging way.

Unity Game Design (Ages 10 and up) NEW 8 weeks class starting 2/9 Sunday 3 -5pm
Take your games into the 3rd dimension with Unity. Students will learn the basics of 3d game creation, including modeling and scripting. Students will create a game in the popular Unity development environment.



Minecraft Mastery (Ages 7-9) NEW 8 weeks class starting 2/10 Monday 3 -4pm
The goal of this course is to use the video game, Minecraft, to introduce basic computer skills such as typing, "coding" using console commands, and using programs to enhance the game including MODs. This course will also explore advanced game mechanics such as redstone, command blocks, design, and pixel art.



Intro to Electronics with Arduino (Ages 8 and up) NEW 8 weeks class starting 2/10 Monday 4 -6pm

Arduino is a tool for making electronics projects that can sense and interact with the physical world. It's easy to plug in electronics and control them with simple code. It's fun and a great starting point for new inventors.



Please call or email for class schedule (424)523-3132 Robert@intltechacademics.com or visit us at www.STEAMBotworkshop.com