

inGenius Enrichment Class

ADVANCED LEGO ROBOTICS

Class Time: **3:30-5:30 PM** on Monday, Wednesday, Friday from July 2 to August 10, 2018 (6 weeks, no class on July 4th)

First 3-week session: **CHALLENGE 1** July 2 – July 20, Mon-Wed-Fri. (no class on July 4)
Second 3-week session: **CHALLENGE 2** July 23 – Aug 10, Mon-Wed-Fri.

Students can sign up for either Challenge, or both Challenges.

Tuition: \$15 per hour

Address: Canyon Crest Academy
5951 Village Center Loop Rd, San Diego, CA

Instructor: Steve Maher

Email: lilabner_45@yahoo.com

Phone: (858) 371-8774, call or text

The Advanced Lego Robotics Enrichment class is for especially interested students who may be considering a future in robot design and programming. It is a hands-on class where students learn to design, build, and program their own robot using the computerized Lego Mindstorms system. Teamwork, planning, problem solving, thinking outside the box, and FUN are emphasized!

The goal of the Enrichment class is to prepare students for the environment of competitive robotics contests and/or further education in STEM fields including robotics and programming. They will be ready to join their schools' or neighborhoods' competition teams when the season for FLL (FIRST Lego League) rolls around.

And if the students are sufficiently interested, enthusiastic, and successful by the end of the summer, inGenius can even start its own year-round robotics team for competitions such as FLL!

The Advanced Lego Robotic Enrichment class is for students who have their own Lego Mindstorms Robotics kit (either Lego kit #31313 or #45544) and a laptop PC computer. For those who want to try out Robotics in the class, the Mindstorms kits can be rented from the teacher. These are complete kits that let the student explore the fun and intricacies of building and running robots. The robots and programs can be simple or complex, as much as the student's enthusiasm and skill desire.

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- No class on Wed. July 4, 2018 -