

## SUMMER PROGRAM REGISTRATION FORM

**\$2,500.00**  
**4 Weeks**

Please complete this registration form, and mail check to:  
**STEM<sup>3</sup> Academy | Attn: Larry Ross**

**12095 West Washington Blvd., Los Angeles, CA 90066**

**310.437.5812 | laross@thehelpgroup.org | www.stem3academy.org**

Name of Student \_\_\_\_\_ Current Grade \_\_\_\_\_

Name of Parent(s) \_\_\_\_\_

Mailing address \_\_\_\_\_ City \_\_\_\_\_

Zip \_\_\_\_\_ Home Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_

Please Select Grade:  Elementary  Middle School  High School

### **ELEMENTARY SCHOOL students, please fill out below:**

**PERIOD 1** – Please rank your choices from 1-2 on the following:

\_\_\_\_ Robotics    \_\_\_\_ 3D Modeling & Printing

**PERIOD 2:**

\_\_\_\_ Python

### **MIDDLE SCHOOL students, please fill out below:**

**PERIOD 1** – Please rank your choices from 1-2 on the following:

\_\_\_\_ Arduino Workshop

**PERIOD 2:**

\_\_\_\_ Robotics    \_\_\_\_ 3D Modeling & Printing

### **HIGH SCHOOL students, please fill out below:**

**PERIOD 1** – Please rank your choices from 1-2 on the following:

\_\_\_\_ Arduino Workshop

**PERIOD 2:**

\_\_\_\_ Robotics    \_\_\_\_ 3D Modeling & Printing

**STEM<sup>3</sup> ACADEMY**  
**GRADES K-12**

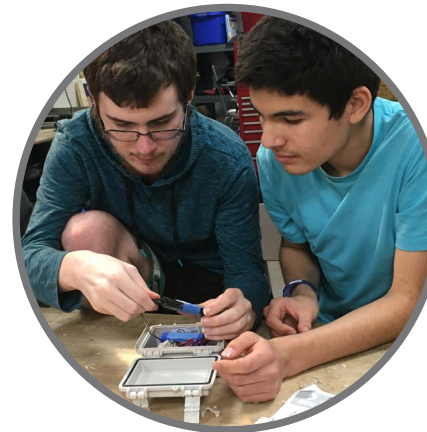


**2018**  
**SUMMER**  
**SCHOOL**

**CULVER CITY CAMPUS**

**JULY 9 – AUGUST 3, 2018**

**9:15AM – 1:45PM**

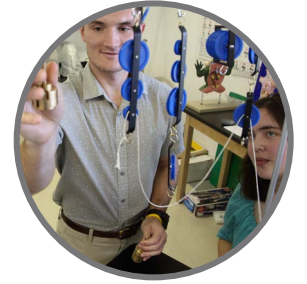


For bright, curious, technology-driven students  
grades K–12 with social and/or learning differences

**OUTSIDE OF THE BOX: STUDENTS, LEARNING, RESULTS**

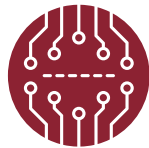
# SUMMER SCHOOL CLASSES

**ES:** Elementary School   **MS:** Middle School   **HS:** High School



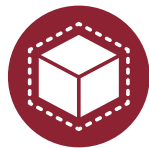
## **ROBOTICS (ES, MS, HS)**

Be a part of a robotics team. Get involved in the building process, electronics, and programming of a robot. Then test your robot's abilities based on its unique programming that you've entered! This is a great introduction for those who are new to assembling robots and an opportunity for the veterans to bring their expertise to share.



## **ARDUINO WORKSHOP (MS, HS)**

Arduinos are similar to a small computer that can be programmed to interact with the world through electronic sensors, lights, and motors. Students will learn how to build a talking clock, a game controller that's controlled by your muscles, or a radio operated copter. What will you build?



## **3D MODELING & PRINTING (ES, MS, HS)**

With easy to use software such as Autodesk 123D and more sophisticated software such as Solidworks makes 3D modeling a snap! Students will have the opportunity to design an object and then print it out on the school's 3D printer. Once it's printed you can assess the outcome and if it's not exactly what you expected, you can redesign it based on your corrections.



## **PYTHON (ES)**

Python is a user friendly program that allows for students to learn programming language regardless of level of experience. Why should one learn Python? This program has numerous applications with internet development, in scientific and numeric computing, as well as for teaching programming at the introductory and advanced levels. This is definitely a language worth learning.