

STEM³ WEST

OUT OF THE BOX STUDENTS. LEARNING. RESULTS.

For bright, curious, technology-driven students grades 6-12 with social and/or learning differences

2017 SUMMER PROGRAMS

GAME DESIGN

3D DESIGN
AND PRINTING

ELECTRONICS AND
PROGRAMMING



CULVER CITY CAMPUS

JUNE 12TH - AUGUST 18TH

9:00AM - 2:30PM

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ELECTRONICS AND PROGRAMMING JUNE 12-23 (2 WEEKS)

Attention future engineers and artists! Do you want to learn how to make electronics you can wear or use to decorate your room? Welcome to the world of Arduino Trinket Mini Circuit boards and multi colored LEDs. The course will include an introduction to electronics, soldering, and programming. We will be programming the Arduino Trinkets to make the multicolored LED lights blink in patterns. You will walk away with a creation of your choosing - your own decoration for your room or a wearable pin or pendant. [Grades 6-12]

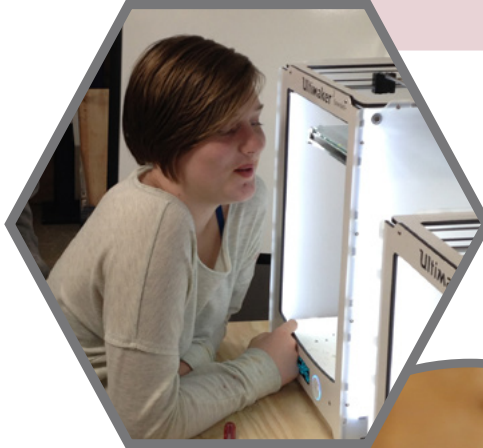
GAME DESIGN JUNE 26 - JULY 7 (2 WEEKS)

We know you like to play video games, but can you design your own? This two-week course is for the beginner and the more experienced in video game design and development—students will analyze existing games and media, and tackle a game development project of their own. The course will include game mechanics and design choices, and the importance of being critical of media, even of media we enjoy. Software used may include all or some of the following: Unity, Photoshop, and Maya. Culmination of the class will be an ongoing developmental project for students to explore and design their own game. [Grades 6-12]

3D DESIGN AND PRINTING AUGUST 7-18 (2 WEEKS)

Looking for the opportunity to use the latest technology and gain insight into the future of manufacturing? Sign up for this two-week course! Students will learn to design their own 3D structures and print them using our 3D printers. They will also learn the 3D printing process from beginning to end - starting with an overview of parts of the printer, using different types of filament, how to upload the design to the 3D printer and then print. [Grades 6-12]

\$499.00
PER WEEK



We are now accepting applications, so sign up early and secure your space today.

Contact Tamika at:
tdecambra@stem3academy.org
or 818-623-6386 to sign up.

**Valley Glen
Summer Programs
also available!**



12095 West Washington Blvd. Los Angeles, CA 90066
www.stem3academy.org | www.thehelpgroup.org