

# CAMP SmartLab

## COURSE OFFERINGS

### **Robotics for Kids Grades 4-8 \$129**

**June 1<sup>st</sup> – June 5<sup>th</sup> 8:00-11:30AM (20 student limit)**

Come explore the exciting world of robotics where you will build and program your very own robot to complete a variety of challenges. Students, you can choose between the popular Lego EV3 robotics platform, the Makeblock MBot platform, the \*NEW\* Lego SPIKE kits and the \*NEW\* Robotics ERP kits to build and program a variety of robots of your choice.

\*If your student took this class last summer we can customize an advanced option for them. Please indicate on registration form that this is your request.

### **Graphic Design/CAD 3D Grades 4-8 \$144\***

**June 1<sup>st</sup>– June 5<sup>th</sup> 12:00-3:30PM (20 student limit) \*includes \$15 supply fee**

Come make your very own customized t-shirts, buttons, posters, notebooks, key chains, stickers and more! You will learn how to use professional graphic design techniques and software including Adobe Illustrator, Adobe Photoshop and Corel Draw to name a few. Try your hand at the professional Wacom graphics tablet to design and bring to life your own creations. Learn how to use a professional 50 watt laser engraver to design and engrave unique items such as dog tags, key chains, pens and more. You will also learn basic 3D design elements as you design and print your own 3D objects.

### **\*NEW\* Crazy Construction and Design 4-8 \$129**

**June 8<sup>th</sup> – June 12<sup>th</sup> 8:00-11:30AM (20 student limit)**

In this \*NEW\* fun hands-on STEAM class you will design, build and experiment with a variety of models of your choosing. Possibilities are only limited by your imagination. Some fun things you may construct:

- ❖ Replicas of real-world objects like a rocket ship or moving windmill.
- ❖ Build a bridge or other structure with moving parts
- ❖ Build amusement park rides and/or games.
- ❖ ....almost anything you can think of!

### **Coding for Kids Grades 4-8 \$129**

**June 8<sup>th</sup> – June 12<sup>th</sup> 12:00-3:30PM (20 student limit)**

Come learn basic programming and coding skills using the robust Tynker software, as well as fun iPad coding apps. In class you will:

- ❖ Learn logic through innovative and fun coding apps.
- ❖ Develop the skills to program your own video game or animation.
- ❖ Create and share your own digital stories.
- ❖ Create your own music and digital sound.