



## COURSE OFFERINGS

### **Introduction to Robotics Grades 4-8**

**June 5<sup>th</sup> – June 9<sup>th</sup> 8:00-11:30 (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. Using the popular Lego EV3 robotics platform and the \*new VEX IQ system you will jump in and build cool robots your very first day!

\*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 Grades 4-8**

**June 5<sup>th</sup> – June 9<sup>th</sup> 12:00-3:30 (20 student limit) \*requires \$15 supply fee**

Come make your very own customized t-shirts, buttons, posters, notebooks, 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. You will also have a chance to use a professional 50 watt laser engraver to design and engrave unique items such as dog tags, key chains, pens and more!

### **Engineering, Racing and Rocketry Grades 4-8**

**June 12<sup>th</sup> – June 16<sup>th</sup> 8:00-11:30 (20 student limit)**

In this fun and hands-one STEM class you will build and test a variety of rockets and engineering models. Some fun things you will be doing:

- ❖ Build your own bottle rocket and race it against others.
- ❖ Design and build your own straw rocket and launch it across the lab.
- ❖ Engineer a mechanism to launch a marshmallow or ping-pong ball.
- ❖ Design and build a motorized wiggling contraption. Make it hop, flip, spin, wiggle, jiggle or draw!

### **Intro to Programming for Kids Grades 4-8**

**June 12<sup>th</sup> – June 16<sup>th</sup> 12:00-3:30 (20 student limit)**

Come learn basic programming and coding skills using fun iPad apps and desktop software. You will:

- ❖ Learn how to create characters, animations, sounds and special effects.
- ❖ Learn logic through innovative and fun coding apps.
- ❖ Develop the skills to program your own video game or animation.