

2017 Technology Summer Camps

Beak Squad LEGO Robotics Camp

Camp participants will be introduced to building and programming robots using LEGO Mindstorms. Students will learn mechanical design, programming, and teamwork skills. Students will work in small teams using LEGO blocks, motors, sensors, and a computer to program the robot to move and react in order to solve challenges. Students who enjoyed LEGO Robotics camp in past years are welcome to attend again as robot challenges this year will be different than the past summers' challenges.

Ages: Grades 5-9

Dates and Times: July 17-21, 8:00 a.m.-12:00 p.m.

Cost: \$225 (\$20 shirt optional, \$15 Early Bird Discount by 6/1, \$15 discount for repeat campers)

Drobot Drone STEM Camp

This summer camp program accommodates all learning levels – whether or not you have ever flown or even seen a drone before. All of the Drobots programs include personalized guidance, confidence building, tailored instruction and a variety of fun activities appropriate for kids and pre-teens. All in a friendly and safe environment, this real-world STEM application aligns well with CHCA's curriculum!

- Flight tutorials and basic programming
- Introduction to drone photography and film
- Industry education and the future
- Understanding the capability of drones to create an entrepreneur's mindset
- Flight control and accuracy challenges (Drone Summer Olympics)
- Drone racing
- DIY (do it yourself) lessons and tutorials, so the fun lasts long after the summer
- No prior experience necessary. All skill levels are welcome.

Ages: Grades 3-8

Dates and Times: July 17-21, 12:30-4:00 p.m. and July 31-August 4, 9:00 a.m.-3:30 p.m.

Cost: \$200 for half-day camp, \$390 for full-day camp (\$20 Early Bird Discount by 6/1, \$20 Sibling Discount, Bring a Friend – you and the friend both get a \$10 discount!)

Youth Digital Camps

Video Game Development – June 12-June 16, 9:00 a.m. – 4:00 p.m.

- Engaging self-paced lessons teach kids exciting new skills in the context of an awesome project.

Learn Java™ with Minecraft® – July 10-July 14, 9:00 a.m. – 4:00 p.m.

- Students learn the fundamentals of Java™ programming, while coding their own items, blocks, mobs, and more.

Ages: Grades 3-8

Cost: \$390 (\$20 Early Bird Discount by 6/1, \$20 Sibling Discount, Bring a Friend – you and the friend both get a \$10 discount!)

