

# Camp Experiences

## Engineering for Kids Camps (ages 7-12)

### Engineering Investigators

Become a forensics engineer and help Kelvin find out who stole the blueprints for his secret, new design. Using principles of investigative science and forensic engineering, students will analyze evidence in the simulated crime scene using math, science and technology. Embark on a new journey each day to decipher cryptic clues and biological codes and help us identify the thief through chemical and mechanical analysis. Time is running out, and Kelvin needs your help!

**Ages:** 7-12

Activity	Day	Dates	Time	RDR/SR
341601A	Tue-Fri	May 31-Jun 3	9am-12pm	\$120/\$135

**Location:** Clark Hall, 380 Granville St.

### Electronic Game Design – Invader Defense: Shark Attack

Watch out! It's a shark attack! In Invader Defense: Shark Attack, students will create their own version of an invader defense game that will allow them to protect a coral reef from hungry sharks. Students will use the Engineering Design Process to create a storyboard and outline the rules of play for our game. Then students will use Clickteam Fusion 2.5® to bring their storyboard to life with programming. At the end of the camp, students will take home a working Windows-compatible game (Clickteam Fusion 2.5® does not support Mac or Android operating systems.)

**Ages:** 7-12

Activity	Day	Dates	Time	RDR/SR
341601B	Tue-Fri	May 31-Jun 3	1-4pm	\$120/\$135

**Location:** Clark Hall, 380 Granville St.

### Out of this World

Is mankind ready to inhabit the moon? With a little help from Engineering for Kids® students, humans will be prepared to take up resident by the end of the week! Students will collaborate with the Space State teams to create the safest and most effective community on the moon. Which team will earn enough Astro-Points to be declared the winner?

**Ages:** 7-12

Activity	Day	Dates	Time	RDR/SR
341604A	Mon-Fri	Jun 20-Jun 24	9am-12pm	\$150/\$165

**Location:** Clark Hall, 380 Granville St.

### Robotics Mission to Mars

During the LEGO® Robotics Mission to Mars camp, students design and program robots to explore an unknown planet, find safe shelter, and collect soil samples from the planet. Students use LEFO® Robotics and computers to learn principles of robotics, computer programming and teamwork.

**Ages:** 7-12

Activity	Day	Dates	Time	RDR/SR
341604B	Mon-Fri	Jun 20-Jun 24	1-4pm	\$150/\$165

**Location:** Clark Hall, 380 Granville St.

### Design the Future

What does the future look like? Join us as we embark on an odyssey to explore the future of transportation, manufacturing and structures. Let's take a look at the innovations of today and apply them to create the designs of tomorrow as we explore ways to harness clean energy and house a growing human population. Become an engineer and help Design the Future.

**Ages:** 7-12

Activity	Day	Dates	Time	RDR/SR
341606B	Mon-Fri	Jul 11-Jul 15	1-4pm	\$150/\$165

**Location:** Clark Hall, 380 Granville St.

### Hardware Engineering

Imagine designing a piano using celery or creating a custom digital training program. Now, envision playing video games using just your body, a bit of wire and your own imagination. In our hardware engineering program, students engineer their own customized video game controllers using a Makey Makey device and materials that can be found in just about any kitchen. Through application of circuitry, acoustical engineering and video game design, students discover new ways to interact with technology, all while creating unique designs in a fun collaborative environment.

**Ages:** 7-12

Activity	Day	Dates	Time	RDR/SR
341607A	Mon-Fri	Jul 18-Jul 22	9am-12pm	\$150/\$165

**Location:** Clark Hall, 380 Granville St.

### Kodu Kart Racing

Race to the finish and create your own racing game in Microsoft's Kodu gaming environment. From terrain design to enemy selection, students are placed at the wheel and given full control to design their game. Create your own video game while exploring the foundations of coding. Kick your creativity in gear with Kodu Kart Racing. (NOTE: not compatible with Mac or Linux)

**Ages:** 7-12

Activity	Day	Dates	Time	RDR/SR
341607B	Mon-Fri	Jul 18-Jul 22	1-4pm	\$150/\$165

**Location:** Clark Hall, 380 Granville St.

### Building Cities

Do you have what it takes to engineer a magnificent city from an inhabitable environment? During this camp, students form their very own construction crew and work together as a team to build a city from the ground up. Crews design essential urban structures, develop processes to purify water and generate their own power. Join up with a crew to compete in challenges designed to test the strength of your designs in Building Cities.

**Ages:** 7-12

Activity	Day	Dates	Time	RDR/SR
341608A	Mon-Fri	Aug 8-Aug 12	9am-12pm	\$150/\$165

**Location:** Clark Hall, 380 Granville St.

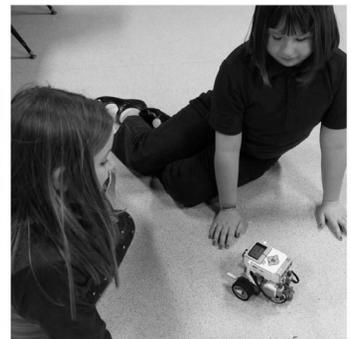
### Robotics: Robo Battles

During the LEGO® Robo Battles camp, students create, program and control robots designed to perform challenges such as the SumoBots Challenge, Jousting Challenge and the Catapult Challenge. Students use LEGO® Robotics and computers to learn principles of robotics, computer programming and teamwork.

**Ages:** 7-12

Activity	Day	Dates	Time	RDR/SR
341608B	Mon-Fri	Aug 8-Aug 12	1-4pm	\$150/\$165

**Location:** Clark Hall, 380 Granville St.



## Junior Engineering for Kids Camps (ages 4-7)

### Junior Wings, Wheels and Sails

Everyone has to travel, and engineers are involved in all the steps of designing different modes of transportation as well as inventing and designing tools that aid in travel. Everyone's travel needs are different, whether they need to walk around their local community to do errands or they need to be half way across the world by evening. During this camp, students will get their passports and travel to a new country every day by a different means! They will engineer their mode of transportation or tool to aid in transportation daily to get to their destination country.

**Ages:** 4-7

Activity	Day	Dates	Time	RDR/SR
341602B	Mon-Fri	Jun 6-Jun 10	1-3pm	\$105/\$120

**Location:** Clark Hall, 380 Granville St.

### Junior Camp Kelvin

Pack your bags and lace up your hiking boots engineers, because at Camp Kelvin, we are engineering designs to help us explore the great outdoors. Build a tent, design waterproof clothing, engineer your own survival pack and more! Join us for a week of fun and adventure where everyone goes home a happy camper!

**Ages:** 4-7

Activity	Day	Dates	Time	RDR/SR
341603A	Mon-Fri	Jun 13-Jun 17	9-11am	\$105/\$120

**Location:** Clark Hall, 380 Granville St.

### Junior Space Pioneers

Embark on a fun journey to space with Scratch! Send an astronaut to the moon and defend your moon base from space rocks. Learn how to use Scratch to create and program sprites, backdrops and basic scripts. Create a new program each day, leave with evidence of your wild space adventure and be inspired to explore the universe of programming as a Space Pioneer.

**Ages:** 5-8

Activity	Day	Dates	Time	RDR/SR
341605A	Tue-Fri	Jul 5-Jul 8	9-11am	\$105/\$120

**Location:** Clark Hall, 380 Granville St.

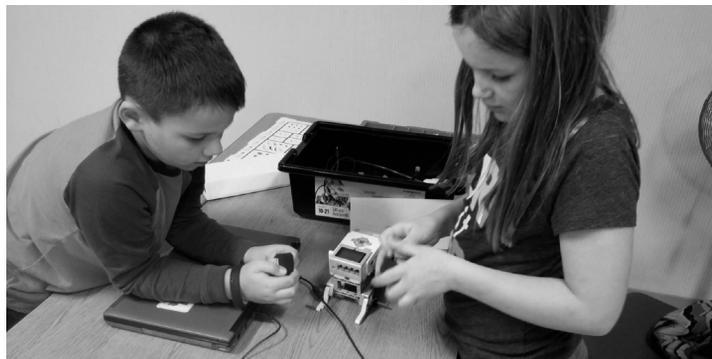
### Junior Engineering of Power and Energy

In the Engineering of Power and Energy, join us as we look at ways to get things moving...no batteries required. In this camp, students explore the foundational concepts of potential and kinetic energy by building their very own toys. Additionally, students will explore natural power and energy sources such as falling water and the sun. Get ready for a shock in this energetic and engaging engineering experience!

**Ages:** 4-7

Activity	Day	Dates	Time	RDR/SR
341606A	Mon-Fri	Jul 11-Jul 15	9-11am	\$105/\$120

**Location:** Clark Hall, 380 Granville St.



## Sporties for Shorties Summer Camp (ages 3-6)

### Go For The Gold!

It's an Olympic year and it's time for us to get in the action! In this highly active camp, children will learn and participate in various Olympic sports and fitness activities. In addition, coaches will lead fun and enriching activities such as vocabulary, geography, history and sport traditions from around the Olympic World. Citius, altius, fortius! Children should dress to be active and bring a snack and water bottle to camp each day.

**Ages:** 3-6 year olds

Activity	Day	Dates	Time	RDR/SR
341201A	Mon-Fri	Jun 27 - Jul 1	9-11:30am	\$85/\$95

**Location:** Woodside Green Park, 213 Camrose Ct.

## Jump Start Sports Camp (ages 6-11)

Jump Start Sports Camps are fun-oriented and highly instructional. The relaxed and nurturing atmosphere enables children to learn, grow, make friends, and have a meaningful summer experience. Jump Start Sports Camps are focused on fundamentals, but more advanced players will learn more advanced concepts. Each participant will be coached at their ability and level of understanding. We utilize innovative drills, competitions, and games to create a fun environment to learn in.

### Fees:

RDR: \$89/week for any 3 or more weeks, \$99/week for any one week  
SR: \$104/week for any 3 or More Weeks, \$114/week for any one week

**Ages:** 6-11

**Locations:** Academy Park, 1201 Cherrybottom Rd. or Middle School East, 730 Clotts Road

**Days:** Monday-Friday

**Hours:** 9am-12pm

Activity	Date	Weekly Theme	Location
341301A	Jun 13-17	World Cup Soccer	Academy Park
341302A	Jun 20-25	All Star Baseball and Softball	Academy Park
341303A	Jun 27 - Jul 1	Lacrosse	Academy Park
341304A	Jun 27 - Jul 1	Volleyball	Middle School East
341305A	Jul 11-15	All-Pro Football & Cheerleader	Academy Park
341306A	Jul 18-22	Hoop It Up Basketball	Academy Park
341307A	Jul 25-29	Olympics	Academy Park

### Important Information:

All registrations will be processed through the Gahanna Department of Parks and Recreation, 200 S Hamilton Ave., Gahanna, OH 43230 or Gahanna.gov.

Camp registrations are not accepted within 10 days of the start of each camp week, special consideration can be made in writing to parksandrec@gahanna.gov. Snacks & sun screen are NOT provided!

Campers must be six years old by the first day of the session in which they are enrolled, and may attend until their 12th birthday. Parents or guardians must sign the participant into the program every day and present valid photo identification in order to sign them out.

