

Register today! www.STEAMOn.net/summer



Summer Adventures

2019 Camp Catalog

ROBOTICS - STEAM - FRIENDS - FUN!
How do you want to spend your summer?

6/24 - 6/28: Robotics 1 and Short Circuits

7/8 - 7/12: Robotics 2 and STEAM Fun!

7/15 - 7/19: Robotics 3 and Awesome-Ology

7/22 - 7/26: Robotics Makeup Session and Introducing, Robotics!

7/29 - 8/2: Robotics Team Prep



Badge Labs 
Robotics 
Summer Adventures 
Mentor Training 
Workshops 

Questions? We're here to help! Email us at: Info@STEAMOn.net



Providing STEAM opportunities for all!

A unique organization offering a variety of different Robotics and STEAM programs to the Cedar Rapids, Iowa Area!

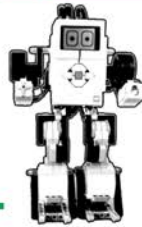
www.facebook.com/STEAMOnIowa

Summer Camps

REGISTER ONLINE! www.STEAMOn.net/summer



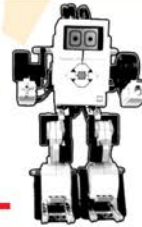
Robotics 1



Join us for a week of exciting robot activities! Using the **LEGO® MINDSTORMS® EV3** Robotics System, campers will build a robot, experiment with programming, learn about different types of sensors, and design addons to put on their robots. In addition to experimenting with functional robots, campers will be learning about different robotics career paths. **This beginner-level class requires no prior experience and is designed for incoming 3rd through 8th graders with an interest in robots and/or building with LEGO®.**

M-F 8:30am-12:00pm 6/24-6/28

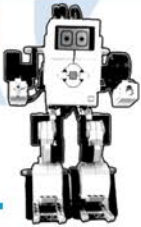
Robotics 2



Ready! Set! Robot! This course focuses on expanding participants' knowledge of sensors, building techniques, and advanced programming skills! Using the **LEGO® MINDSTORMS® EV3** Robotics System, campers will create a robot that can respond to its environment and complete challenges. Throughout the week, campers will be filling out an engineering notebook, detailing their discoveries and innovations, like engineers do! This course is designed for incoming 3rd through 8th graders with an interest in robots and/or building with **LEGO®** and expands upon principles learned in **LEGO® Robotics 1**. **It is strongly recommended that students with no prior experience with robotics take LEGO® Robotics 1 first.**

M-F 8:30am-12:00pm 7/8-7/12

Robotics 3



Do you have what it takes to join the advanced robotics challenge? Using the **LEGO® MINDSTORMS® EV3** Robotics System and the skills they have learned from Robotics 1 & 2, campers will design cool, multifunctional robots, learn about gears, build and race robotic cars, and more! By the end of this course, students will be fully prepared to take on the challenges that await on the STEAM On competitive robotics teams! This course is designed for incoming 3rd through 8th graders with an interest in robots and/or building with **LEGO®** and expands upon principles learned in Robotics 1 & 2. **It is strongly recommended that students with no prior experience with robotics take LEGO® Robotics 1 & 2 first.**

M-F 8:30am-12:00pm 7/15-7/19



Location info:

Emerson Learning Center (MHSAP): 1400 10th Ave, Marion, Iowa 52302

Monday-Friday 7:45am-5:30pm

2019 Weeks: 6/24-6/28, 7/8-7/12, 7/15-7/19, 7/22-7/26, 7/29-8/2



Providing STEAM opportunities for all!

A unique organization offering a variety of different Robotics and STEAM programs to the Cedar Rapids, Iowa Area!

www.facebook.com/STEAMOnIowa

Summer Camps

REGISTER ONLINE! www.STEAMOn.net/summer



Short Circuits

This camp focuses on a basic introduction to electricity and circuits. Campers will learn the basics of electricity through various activities like experimenting with static electricity, creating sensors, building circuits and so much more! Participants will also learn about and experiment with voltage, resistance, and current by designing and building circuits to complete challenges that get more complex as the week progresses. By the end of the week, campers should know how basic electronic devices work and have ideas on how to make the world a better place, using their brain POWER. **This course is designed for incoming 3rd through 8th graders with an interest in STEM and electricity and requires no prior experience.**

M-F 1:00-4:30pm 6/24-6/28

STEAM Fun!

Explore! Investigate! Discover! Create! This week-long STEAM Camp has a different structured hands-on science, technology, engineering, art and math focus for each day. From learning about rocket chemistry to art principles to physics fun, each day's activities offer an exciting and accessible way for campers to explore their sense of wonder and learn how STEAM can change the world. **This course is designed for incoming 3rd through 8th graders with an interest in all things STEAM, and requires no prior experience.**

M-F 1:00-4:30pm 7/8-7/12

Awesome-Ology

What cool job do you want to do? Ology means "the study of". STEAM On's Ologist Summer Camp is targeted at 3-8 graders who want to take a step towards their future career, or further develop a brewing curiosity by learning more about a variety of careers. In this week-long half day camp, campers will explore exciting careers involving subjects from animals to micro-science to outer space! Join us for a fun-filled week as we dive deeper into your possible career! **This class requires no prior experience and is designed for incoming 3rd through 8th graders.**

M-F 1:00-4:30pm 7/15-7/19



Location info:

Emerson Learning Center (MHSAP): 1400 10th Ave, Marion, Iowa 52302

Monday-Friday 7:45am-5:30pm

2019 Weeks: 6/24-6/28, 7/8-7/12, 7/15-7/19, 7/22-7/26, 7/29-8/2



Providing STEAM opportunities for all!

A unique organization offering a variety of different Robotics and STEAM programs to the Cedar Rapids, Iowa Area!

www.facebook.com/STEAMOnIowa

Summer Camps

REGISTER ONLINE! www.STEAMOn.net/summer



Introducing, Robots!

Join us for a fun-filled camp of exploring robotics with STEAM On! In this week-long hands-on activities camp, we will explore the different parts and functions of robots; including sensors, motors, controls, and more! Then, campers will test their skills and knowledge and design challenge courses and collect data on robot performance. **This beginner-level summer camp is open to all 1st-5th graders, with an interest in STEM, robots, or LEGO® and requires no prior experience.**

M-F 1:00-4:30pm 7/22-7/26

Robot Makeup Session

Did you miss a week of awesome robotic fun? No worries! This class will take place on one of the robotics classes you missed (Robotics 1, 2 or 3). This class is a great way to catch up on robotic knowledge to prepare for robotics teams and more. **This class requires the prerequisite for the class you are making up, and is designed for incoming 3rd through 9th graders. For example, if a student missed the Robotics 2 class, they must have taken Robotics 1 or have equivalent experience to attend this makeup class.**

M-F 8:30am-12:00pm 7/22-7/26

Robotics Team Prep

Get ready for a week of exciting Robotics, Research and Learning! During this 5 full day program, students will touch up their skills to prepare them for the upcoming competitive robotics season. They will develop a quick presentation about real world issues, and design and program a robot to complete tasks. At the end of the week campers will brainstorm ideas for the 2019 - 2020 season and begin basic prototyping. It is a full day camp with a lunch break at noon and breaks throughout. Lunch care included in fee; please bring lunch/drink.) **This class requires no prior experience and is designed for incoming 4th through 9th graders who plan to participate on a FIRST® LEGO® League team in the Fall.**

M-F 8:30am-4:30pm 7/29-8/2

Location info:

Emerson Learning Center (MHSAP): 1400 10th Ave, Marion, Iowa 52302

Monday-Friday 7:45am-5:30pm

2019 Weeks: 6/24-6/28, 7/8-7/12, 7/15-7/19, 7/22-7/26, 7/29-8/2





Summer Adventures

Register today!

www.STEAMOn.net/summer

[FB@STEAMOnIowa](https://www.facebook.com/STEAMOnIowa)

2019 Camps conveniently located in:

Emerson Learning Center (MHSAP),
Lower Level, 1400 10th Ave, Marion, Iowa

Before Care: 7:45-8:30am (\$20 / week)

Morning Camp: 8:30am - 12pm M-F

Lunch Break: 12pm-1pm (\$20 / week)

Afternoon Camp: 1pm-4:30pm M-F

After Care: 4:30-5:30pm (\$25 / week)

Cost per Session (due at registration to guarantee seating):

\$160 non-members half day / \$320 full day

\$140 STEAM On Member* half day / \$280 full day

*Membership fee is \$120 per person / year; this fee is required to participate on STEAM On robotics teams and discounts other STEAM On programs

STEAM On Camp Experience:

*Most camps for students entering grades 3-9 in the fall; 1 week session for those entering grades 1-5

*Morning and Afternoon sessions available, or stay all day for more fun!

*Before and After care available

*Curriculum professionally developed

*Classes taught by licensed teachers and qualified instructors

*All adult staff and volunteers are background checked and trained

The Details

Drop Off/Pick Up Policy We will be providing curbside drop off and pick up for campers in a designated location. Drivers are urged to follow the specific driving pattern to ensure safety and avoid traffic issues. Students in before care or after care will need to be escorted to/from the building by a parent/guardian (please park and enter the designated entrance). Late charges apply at \$1/minute after care has ended. Please be punctual.

Behavior Policy Good Behavior is a key component to a successful day camp experience. Campers who do not abide by Behavior agreement will be removed from camp. Parents will be contacted if inappropriate behavior continues. Refunds will not be granted when a camper is dismissed. If your child has behavioral concerns and/or special accommodations at school, please let us know so that we can best serve your child. STEAM On summer camps are held in a learning environment, and students are expected to participate fully and be respectful to staff and other students, so that everyone may have a fantastic summer enrichment experience.

Snacks and Lunch If your child has a food allergy or special dietary needs, we ask that you supply them with a snack each day. No peanuts or tree nuts are permitted at camp, however dairy, wheat, and other known allergens may be present. Noon care is included for students who attend a full day. Please send a non-refrigerated sack lunch with drink with your child; STEAM On does not provide lunch. Please tell the Camp Director if your child has any allergies or other health concerns.

Cancellation Policy STEAM On reserves the right to cancel or reschedule classes for weather and safety concerns, if minimum enrollment is not met, or for other conflicts. In these instances, we will issue a full refund.

Medication Policy STEAM On **does not** administer oral or topical medications. Children must be able to administer or take medication by themselves; camp staff cannot administer any type of medication. Required medications must be placed in a Ziploc baggie and properly labeled with child's name. All medications, including inhalers and epi-pens will be kept in a safe and secure location, unless otherwise directed.

Waivers On your child's first day of camp, please escort them to the designated area to finalize waivers including liability, health info, photo release, permission to use sunscreen, and similar. Forms will be available to you after you complete online registration.

Questions? We're here to help! Email us at: Info@STEAMOn.net