

Register Today! www.STEAMOn.net/camps



Summer Adventures 2023 Camp Catalog

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

In Person, Weekly Camps and Single Day miniCAMPs:

6/19 - 6/23 AM: Crazy Code; Curiosity Makers

6/19 - 6/23 PM: Robotics 1; S.T.E.A.M. Fun!

6/26 - 6/30 AM: Introducing, Robots!; Curiosity @Hand

6/26 - 6/30 PM: Robotics 2; Explore/Build Days

*Hosted in Marion, Iowa - indoors with outdoor breaks

**Thursdays All Summer: Wonder/Wander at Waldo's Rock!

Proudly Awarded
Educational Materials by:



www.STEAMOn.net
www.facebook.com/STEAMOnIowa

Badge Labs
Robotics
Summer Adventures
Mentor Training
Workshops



www.TheCuriosityPath.com
www.facebook.com/TheCuriosityPath

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!

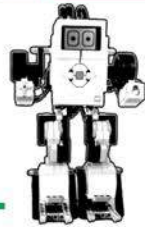
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Summer Camps

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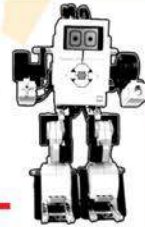
Robotics 1



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 add-ons 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 1:00pm-4:30pm 6/19-6/23

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, including Build-n-Battle. 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 1:00pm-4:30pm 6/26-6/30

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, 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. Some adult guidance may be required for best camper experience.**

M-F 8:30am-12:00pm 6/26-6/30



Location info:

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

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

2023 Weeks: 6/19-6/23, 6/26-6/30



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Summer Camps

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Crazy Code

Have you ever wondered what it is like to be a programmer? Explore the amazing world of code in this interactive programming camp! You will start by learning programming basics. As you become more confident with your skills, you will create computer game or a mobile app and even program robots! At the end of the week, there will be a showcase to show off your final products to your friends and parents! Campers may provide their own devices. **This weeklong camp is designed for incoming 3rd through 10th graders and has no prerequisites.**

M-F 8:30am-12:00pm 6/19-6/23

Curiosity Makers

Try out new crafts or expand your skills in all sorts of maker activities. Create with cardboard and paper, ink and paint, yarn and felt, metal and wood, and more. Each day Miss Heidi of The Curiosity Path will cover different topics. This week is filled with many fun surprises. Be prepared to dive in to this camp. Detailed daily descriptions online. **This class requires no prior experience and is designed for incoming K (with adult) through 10th graders. This camp is available weekly or by the day as part of our Super STEAM miniCAMPs.**

M-F 8:30am-12:00pm 6/19-6/23

miniCAMPs 8:30am-12:00pm

Mo 6/19 "Weaving & Collages"

Tu 6/20 "Printmaking (messy) & Papercrafting"

We 6/21 "3D Creations & Constructions"

Th 6/22 "Sewing & Puppets"

Fr 6/23 "Jewelry & More"

S.T.E.A.M. 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. This camp is available weekly or by the day as part of our Super STEAM miniCAMPs.**

M-F 1:00-4:30pm 6/19-6/23

miniCAMPs 1:00-4:30pm

Mo 6/19 "S is for Science"

Tu 6/20 "T is for Technology"

We 6/21 "E is for Engineering"

Th 6/22 "A is for Art"

Fr 6/23 "M is for Math"

Location info:

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NEW TOPICS!

Curiosity @Hand

Explore the world around you, above, behind, and within. Collaborate with Miss Heidi and classmates to learn more about a mix of topics, including space, weather, forensics, food, and life as a kid in the 1970s. **This class requires no prior experience and is designed for incoming K (with adult) through 6th graders. This camp is available weekly or by the day as part of our Super STEAM miniCAMPs.**

M-F 8:30am-12:00pm 6/26-6/30
miniCAMPs 8:30am-12:00pm
Mo 6/26 "Weather"
Tu 6/27 "The Science of Food"
We 6/28 "Adventures in Space"
Th 6/29 "Forensics"
Fr 6/30 "70's Childhood"

Explore/Build Days

Ready, Set, Go! Explore things that move, lift, power and more! A different theme each day. Detailed daily descriptions online. This week will include hands-on opportunities that engage campers in individual and cooperative building challenges and test their machines during friendly competition. **This class requires no prior experience and is designed for incoming 2nd through 8th graders. This camp is available weekly or by the day as part of our Super STEAM miniCAMPs.**

M-F 1:00pm-4:30pm 6/26-6/30
miniCAMPs 1:00pm-4:30pm
Mo 6/26 "Simple Machines"
Tu 6/27 "Solar House"
We 6/28 "Short Circuits
(Electricity)"
Th 6/29 "Hydraulic Arm
(Make & Take!)"
Fr 6/30 "Exploring Engineering"

**Thursdays 1-3pm
Starts 6/8**

Wonder/Wander

Explore Waldo's Rock Park throughout the summer with Miss Heidi of The Curiosity Path. New ideas every week, based on teacher and student interests. Topics will include weather, measurements, plants, water, and habitats. Choose the weeks that fit your schedule. Explore a different theme each week. **This class requires no prior experience and is designed for all ages, particularly K (with adult) through 10th grade.**

Thursdays this summer, 6/8-8/10
1:00pm-3:00pm

Waldo's Rock Park
6303 Partners Avenue
Marion, Iowa

\$12 per student/per session

*Group rates available.
Please email for details.*

Location info:

Emerson Learning Center (MHSAP): 1400 10th Ave, Marion, Iowa 52302
Monday-Friday 7:45am-5:30pm
2023 Weeks: 6/19-6/23, 6/26-6/30





Summer Adventures

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FB@STEAMOnIowa

2023 Camps conveniently located in:
Emerson Learning Center (MHSAP),
Lower Level, 1400 10th Ave, Marion, Iowa

Before Care: 7:45-8:30am (\$25 / week)
Morning Camp: 8:30am - 12pm M-F
Lunch Break: 12pm-1pm (\$25 / week; free for students enrolled in both morning and afternoon camps)
Afternoon Camp: 1pm-4:30pm M-F
After Care: 4:30-5:30pm (\$25 / week)

Cost per Session (due at registration to guarantee seating).
See website for single day miniCAMP fees.

\$160 Tuition half day / \$320 full day
\$140 Early Bird before 4/30/2023* half day / \$280 full day

*EARLY BIRD CODE: EARLYBIRD23

*STEAM On Membership also available and gives you the Early Bird Rate anytime; fee is \$120 per person / year; full payment of this annual fee is required to participate on STEAM On teams and to receive discounts in other STEAM On programs

STEAM On Camp Experience:

- *Most camps for students entering grades 3-9 in the fall; some suitable for Kindergarten (with adult) thru 10th grade
- *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/or qualified instructors
- *All adult staff and volunteers are background checked and trained

The Details

Drop Off/Pick Up Policy We will be providing curb side 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 personal snack each day. **No peanuts or tree nuts are permitted at camp (including in granola bars, etc.),** however dairy, wheat, bananas 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. To ensure we have sufficient supplies, please pre-register online at least 48 hours prior to the camp. We understand plans can change. If you need to change/cancel your registration, it must be completed by email to Info@STEAMOn.net at least 72 hours prior to class. There is a 50% processing fee on all cancellations 72 hours or more prior to the day of the class. There are no refunds within 72 hours of the day of class or after, for cancellations or absences by the attendee(s).

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 zip top 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.

Contagious Disease/COVID-19 Policy STEAM On's first priority is to provide a safe and healthy learning environment for all campers and staff/volunteers. We were successful in that last year, and will retain some procedures again this year. We will consider local conditions and CDC guidelines immediately prior to camp, so watch for updates and contact us in advance with concerns (i.e., need masks because of high risk in home). Class Instructors are vaccinated/boosted. *As of March 2023, STEAM On policy is: Masks are very highly encouraged for everyone. Unvaccinated campers and staff ages 5+ need to wear a properly fitting mask indoors.* Breaks from masks will be given - outdoors, whenever possible. Meals/snacks will be consumed with physical distancing in mind. Pods, sanitization of materials and space, and personal hygiene will be used. Please help us to protect our participants, staff, and all their families at home, so everyone can feel welcome and safe so they can have fun!

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.

Policies are at sole discretion of STEAM On and are subject to change.

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