



# Summer STEM Camps 2020



Register  
online at  
**discoverycenter**  
**museum.org**  
today!

*Sparking curiosity and engaging naturally scientific minds!*



# Camps at a Glance

## STEM Camps ages 7 to 12

**All-Day Session:** 9:00 am–4:00 pm  
Includes supervised lunch and play time

**Morning-Only Session:** 9:00 am–Noon  
Before Care: \$5/day; 7:45–9:00 am

**Afternoon-Only Session:** 1:00 pm–4:00 pm  
After Care: \$5/day; 4:00–5:15 pm



See pages  
4–5 for more  
information about  
camps for ages  
7 to 12

Classes  
fill quickly!  
Register online now at  
[discoverycentermuseum.org](http://discoverycentermuseum.org)



## Tot Spot Mini Camps ages 3 to 6

**3-Day Camp:** Tuesday–Thursday, 10–11:30 am OR 1–2:30 pm

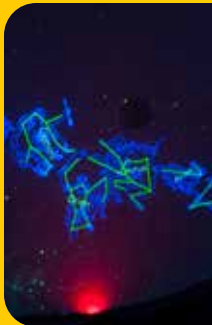
**Saturday Camp:** 9:30–11:30 am



June 15–19

AM  
Coding and  
Droids  
.....

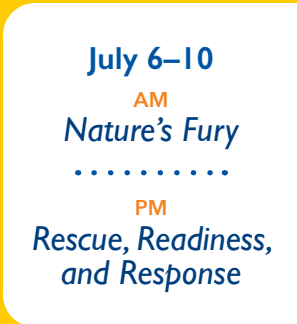
PM  
Wire it Up



June 22–26

AM  
Star Voyagers  
.....

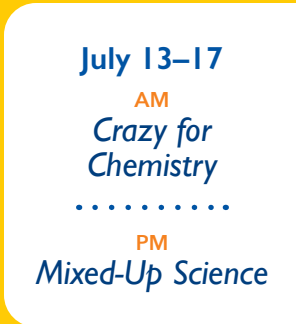
PM  
Space  
Explorers



July 6–10

AM  
Nature's Fury  
.....

PM  
Rescue, Readiness,  
and Response



July 13–17

AM  
Crazy for  
Chemistry  
.....

PM  
Mixed-Up Science



July 27–31

AM  
Mini Medical  
School  
.....

PM  
Animal Insides



August 3–7

AM  
Girls: Build it Better  
Boys: Build it Better

PM  
Girls: Take it Apart  
Boys: Take it Apart

June 16–18  
OR  
June 20  
Slither, Jump  
& Swim

June 23–25  
OR  
June 27  
Sand Between  
Your Toes

July 7–9  
OR  
July 11  
Wacky  
Water

July 14–16  
OR  
July 18  
Math  
Mania

July 28–30  
OR  
August 1  
Bugs Don't  
Bug Me!

See pages  
6–7 for more  
information about  
camps for ages  
3 to 6

### Registration for ALL camps:

**Online:** [discoverycentermuseum.org](http://discoverycentermuseum.org)

**Call:** 815-963-6769

**In Person:** Come to our office Monday–Friday, 9:00 am–5:00 pm

### Cancellation policy for ALL camps:

Registration **closes** 3:00 pm Monday the week before class. Refunds are available through the close of registration, minus 10%. Discovery Center reserves the right to cancel events; in which case, a full refund will be issued.

**Need financial assistance?** Scholarships are available. Call 815-963-6769 for details.





# STEM Camps *ages 7 to 12*

Discovery Center Summer camps are designed for ages 7 to 12 (students entering grades 2-7), and include science investigations led by educators, art activities, outdoor time, and active play.

## Each session is held Monday through Friday

**All-Day Session:** 9:00 am-4:00 pm  
Includes supervised lunch and play time  
Drop Off: 8:45-9:00 am

**Morning-Only Session:** 9:00 am-Noon  
Drop Off: 8:45-9:00 am  
Pick Up: Noon

**Afternoon-Only Session:** 1:00 pm-4:00 pm  
Pick Up: 4:00 pm

Half-Day Campers bring their own snack  
All-Day Campers bring their own snacks and lunch  
Students will be grouped by age

### Fees:

**All-Day:** \$210 Members, \$230 General Public

**Half-Day Morning or Afternoon:** \$105 Members, \$115 General Public

No discounts for partial attendance

**Before Care:** \$5/day, 7:45-9:00 am

**After Care:** \$5/day, 4:00-5:15 pm

**Need financial assistance?** Scholarships are available. Call 815-963-6769 for details.



## June 15-19

AM

### Coding and Droids

Engage your imagination, compile the code, and assemble the components during explorations of Cubelets, Ozobots, Bee-Bots, and more!



PM

### Wire it Up

Design the circuits for your own game, create a light-up card, monkey around with Makey Makey, and harmonize to Drawdio!

## June 22-26

AM

### Star Voyagers

Train like an astronaut, design a habitat with all that's needed for living on Mars, and work with teammates to complete a mission.



PM

### Space Explorers

Explore the solar system and beyond! Use UV light to examine distant parts of the universe, Peek inside a star and travel across the galaxy in the planetarium.

## July 6-10

AM

### Nature's Fury

Conquer lightning, model a storm surge, trigger volcanic eruptions, and overcome an earthquake! Explore the factors that generate disasters, simulate a tsunami and triumph over raging wind!



PM

### Rescue, Readiness, and Response

Delve into what happens after a disaster. Use your STEM skills to design a rescue and rebuilding mission. Pack your own readiness kit, practice survival skills, and meet disaster responders!

## July 13-17

AM

### Crazy for Chemistry

Explore properties of unusual substances including dry ice and liquid nitrogen! Pull up a chair at the periodic table for a close encounter with elements and molecules that include slimy substances and cool color changes!



PM

### Mixed-Up Science

Measure mix and pour! Find the right ingredients to manufacture chemical reactions from fountains of foam to mini-explosions!

## July 27-31

AM

### Mini Medical School

Touch intestines, dissect a heart, get a "feel" for tendons and bones, construct a moving skeleton, and examine X-rays. Discover careers in medicine as you meet and learn from real health experts.



PM

### Animal Insides

Examine the animal world with a scalpel! Get a look inside and make comparisons as we dissect creatures across the phylum, from spineless earthworms to dog fish sharks! Not for the squeamish!

## August 3-7

AM

### Girls: Build It Better Boys: Build It Better

Experiment with building and making, and test the strength of your creations! Uncover tricks and twists that can transform weak materials into surprisingly sturdy structures, and find the force in teamwork!



PM

### Girls: Take it Apart Boys: Take it Apart

Grab a screwdriver! Use real tools to take apart everyday items, from clocks and phones to printers and keyboards. Then use what's discovered to assemble another creation!

## Tot Spot Mini Camps *ages 3 to 6*

Adults are not required to attend camps for children ages 3-6 but are welcome to join us and play.

### Fees:

Prices for 3 day camp: \$42 members, \$48 General Public

Price for Saturday Camp: \$20 members, \$25 General Public

No discounts for partial attendance



## Slither, Jump & Swim

Session 1: Tuesday–Thursday, June 16–18; 10:00–11:30 am

Session 2: Tuesday–Thursday, June 16–18; 1:00–2:30 pm

Saturday Mini Camp (2-hour session):

Session 3: Saturday, June 20; 9:30–11:30 am

Snakes, frogs and turtles – are they reptiles or amphibians? We will learn all about them...how they move, what they eat, and how they keep warm.



## Sand Between Your Toes

Session 1: Tuesday–Thursday, June 23–25; 10:00–11:30 am

Session 2: Tuesday–Thursday, June 23–25; 1:00–2:30 pm

Saturday Mini Camp (2-hour session):

Session 3: Saturday, June 27; 9:30–11:30 am

Get some sand between your toes as you use different tools to dig in our classroom and outdoor park. We will look at different kinds of sand, think about uses for sand, hunt for buried treasure and even go on a dinosaur dig!

**Don't forget your sunscreen.**



## Wacky Water

Session 1: Tuesday–Thursday, July 7–9; 10:00–11:30 am

Session 2: Tuesday–Thursday, July 7–9; 1:00–2:30 pm

Saturday Mini Camp (2-hour session):

Session 3: Saturday, July 11; 9:30–11:30 am

Plan on getting wet this week! Where do we get water and how do we use water every day? We will have loads of fun as we study the properties of water, paint with ice and pour water into different shapes, containers and funnels.

**Don't forget your sunscreen.**



## Math Mania

Session 1: Tuesday–Thursday, July 14–16; 10:00–11:30 am

Session 2: Tuesday–Thursday, July 14–16; 1:00–2:30 pm

Saturday Mini Camp (2-hour session):

Session 3: Saturday, July 18; 9:30–11:30 am

Become a Mighty Math Super Hero as you learn about shapes, numbers, patterns, measuring, counting and computer coding. We will have lots of fun with stories, creative movement, art and music as we explore and play with math skills we use in our lives every day.



## Bugs Don't Bug Me!

Session 1: Tuesday–Thursday, July 28–30; 10:00–11:30 am

Session 2: Tuesday–Thursday, July 28–30; 1:00–2:30 pm

Saturday Mini Camp (2-hour session):

Session 3: Saturday, August 1; 9:30–11:30 am

We will explore the wonderful world of ants, bees, butterflies and spiders with art, music, movement and stories. Learn how these insects are so important in our world.



Tot Spot mini camps offer learning-based play and facilitate group interaction. So let's play, learn, and have fun!

## Register today:

Online: [discoverycentermuseum.org](http://discoverycentermuseum.org)

Call: 815-963-6769

In Person: Come to our office Monday–Friday, 9:00 am–5:00 pm





We tweet!  
Follow  
@DiscovCenMuseum  
now!



Pin with us!  
Discovery Center has lots of great ideas on Pinterest on subjects such as STEM activities, holiday crafts and experiments, science books for kids, and more.



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*Excite your child about science!*

 **discovery center** MUSEUM

711 N. Main St. Rockford, IL 61103  
815-963-6769  
[discoverycentermuseum.org](http://discoverycentermuseum.org)