



STEM WEEK with 4-H

Technology NXT

Monday, June 13 – 1 to 3:30 p.m.

An introduction into the world of robotics. This workshop is for beginners who want to build a robot using the Lego Mindstorm NXT kits and then learn basic programming.

Ages: 8-12. **Cost:** \$20/youth **Instructor:** Mark Holysz

Technology EV3

Tuesday, June 14 – 2 to 4:30 p.m.

An introduction into the world of robotics. This workshop is for beginners who want to build a robot using the Lego Mindstorm EV3 kits and then learn basic programming.

Ages: 8-12. **Cost:** \$20/youth **Instructor:** John Groppe

Animal Anatomy

Wednesday, June 15 – 1 to 3 p.m.

Learn what it takes to have a medical career. Future doctors, nurses, and veterinarians come learn about the 5 classes of vertebrates. You will learn about the major human body systems and organs. The students will be paired up and dissect a perch to identify, label and learn the function of each part of the fish. We will learn the similarities and differences between humans and fish.

Ages: 8-12. **Cost:** \$20/youth **Instructor:** Laura Bennett

Food Science

Thursday, June 16 – 1 to 3 p.m.

Ever wonder how pudding is made or why bananas turn brown when you cut them? We'll learn how starch chemistry works by making puddings using different kinds of starch and tasting the results. We'll also learn how to test foods for the presence of starch. Then see food science in action on a movie set when we have fun with chemical reactions that make fizzy volcanoes. Learn why foods turn brown when you cook them and yet others turn brown in the air. Let's get fun and gooey!

Ages: 8-12. **Cost:** \$20/youth **Instructor:** Tricia Giron

**For more information
or to register online:
web.extension.illinois.edu/dkk**

Space is limited!
Registration opens MAY 13th
and closes one week prior
or when the class reaches capacity.

Classes held at the
DuPage County Extension Office
1100 E. Warrenville Road, Suite 170
Naperville

*For questions or if you need a
reasonable accommodation to
participate in this program, contact
Program Coordinator Patty Luster
at pluster@illinois.edu
or (630) 955-1123.*

*Distribution of and materials through the
School District does not imply school endorsement.*

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University of Illinois ~ U.S. Department of Agriculture ~ Local Extension Councils Cooperating ~ University of Illinois Extension provides equal opportunities in programs and employment.

Get Out of Town & Into Your Element...



Explore Science with 4-H this Summer

Summer Experiences at 4-H Camp Shaw-Waw-Nas-See

Join our University of Illinois Extension Educator Donna Nuger – who serves DuPage, Kane and Kendall Counties – and local Science Ambassadors for specialized camp adventures that focus on science. Explore science, technology, and Mother Nature at the beautiful Rock Creek on the 100+ acre grounds of the historic Camp Shaw-Waw-Nas-See in Manteno. Each day will incorporate focused science curriculum, as well as time for classic camp experiences, such as archery, swimming and hiking.

To register or learn more about prices, facilities & schedules:
<http://campshaw.org/summer-camp/specialty-camps/>

4-H'ers receive a \$20 discount.

At Science and Technology Camp You Can...

- **Be a Citizen Scientist**
 - Test water quality & study streams with Vernier probes.
 - Get to know birds, mammals, wild flowers and prairie plants.
 - Stargaze and investigate the Universe.
- **Be a Maker**
 - Work with Arduinos, 3-D printing and technology crafts.
 - Explore robotics with Lego Mindstorms & Sea Perch Robots underwater robots.

SUNDAY, JUNE 26
TO
THURSDAY, JUNE 30
(AGES 8-16)

Space is limited. For questions, please contact Donna Nuger, 4-H Youth Development Educator, at 630-584-6166 or via email at dnuger@illinois.edu. If you need a reasonable accommodation to participate, please notify at least two weeks prior to the event.