

# 2017 Spring Break

# S.T.E.M.

science . technology . engineering . math



## About the Series

The popular Spring Break workshops from the University of Illinois Extension and 4-H of DuPage County are back! This year, we offer five STEM-themed programs to give youth a fun hands-on experience in robotics, ecology, anatomy or engineering. Join us for one or two topics, or every day during the week of March 27.

For full details or to sign up:  
[go.illinois.edu/spring4Hdkk](http://go.illinois.edu/spring4Hdkk)

## Topics & Days

### Beginner Robotics (ages 8-12) - Mon 9:30am-12pm or 1:30-4pm

Work in pairs to build and program a robot! Youth will learn basic mechanical & software designs using Lego Mindstorm EV3 kits. Choose from one of two sessions.

### Owl Pellet Investigation (ages 8-12) - Tues 9:30am-12pm

Discover what birds of prey eat, and reconstruct a skeleton! Youth will get to know the ecological roles of different animals and learn how to analyze data and solve real life problems.

### Anatomy from the Inside Out (ages 9-13) - Wed 9:30am-12pm

Dissect a squid and learn about body systems from the inside out. Youth will identify, label and learn functions of each organ, and discover similarities and differences with humans.

### Be a MacGyver (ages 8-12) - Thu 9:30am-12pm

Step into spy mode, and create gadgets out of everyday objects to escape danger! Youth will learn how engineering, science and resourcefulness can create solutions every day.

### Advanced Robotics Challenge (ages 8-13) - Fri 9:30am-12pm

Join a friendly competition with robots! Youth will program 'bots to navigate obstacles and compete in races, tunnels, zig-zags and line-following, using sensors and more! (Must have previously completed a Level 1 Robotics program)

## Join the Fun



March 27 - March 31,  
Times vary by program



U of I Extension  
1100 E. Warrenville Road  
Naperville, IL 60563



\$30 per youth per session

Registration opens Feb. 10 and closes March 17. Space is limited!  
[go.illinois.edu/spring4Hdkk](http://go.illinois.edu/spring4Hdkk)

**For more information:**  
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