



# SPRING 2019 Youth Programs with Illinois Extension & 4-H

Spring Break Workshops, just \$5 each.  
Registration open now!

Click on each flyer to learn more or save your place.

**Spring Break Workshops include:**

- **DIY Making & Building (electricity & coding)**
- **Code Your World (visual programming & coding)**
- **Robotics Challenge**

*Distribution of information and materials does not imply school endorsement.*



S.T.E.M. PROGRAMS



let's get *techy!*

### Spring Break 2019

<b>DIY MAKING &amp; BUILDING</b>	<b>CODE YOUR WORLD</b>	<b>ROBOTICS CHALLENGE</b>
Use your imagination to innovate! In this interactive workshop, youth will build skills and knowledge of:	Be a part of the 4-H National Youth Science Day activity, "Code Your World!" Youth will work hands-on and learn:	Join a friendly competition with robots! Youth will program 'bots to navigate obstacles, races, tunnels, zig-zags and lines, using sensors and more. (Must have previously completed a Level 1 Robotics program)
<ul style="list-style-type: none"> <li>- Computer programming using Scratch</li> <li>- The basics of electricity</li> <li>- Basic circuitry</li> <li>- Program development</li> <li>- External hardware-software integration</li> </ul>	<ul style="list-style-type: none"> <li>- Introduction to coding</li> <li>- Basics of visual programming language</li> <li>- Computer programming using Scratch</li> <li>- How to "Animate a Name" and more</li> </ul>	Ages: 8-18. Cost: \$5 each youth.
Ages: 8-18. Cost: \$5 each youth. Three opportunities to join us:	Ages: 8-18. Cost: \$5 each youth. Three opportunities to join us:	THU 3/28 - 9:30 a.m. - noon Naperville location only.
MON 3/25 - 10:30 a.m. - noon @ Yorkville* or WED 3/27 - 12:30 - 2 p.m. @ Naperville or THU 3/28 - 10:30 a.m. - noon @ St. Charles*	MON 3/25 - 12:30-2:30 p.m @ Yorkville* or WED 3/27 - 2 - 4 p.m. @ Naperville or THU 3/28 - 12:30 - 2:30 p.m. @ St. Charles*	
<i>Join us for one workshop or for both! *If you're staying between two workshops in this location, please feel free to bring a nut-free sack lunch.</i>		
For full details or to sign up: <a href="http://go.illinois.edu/spring4Hdkk">go.illinois.edu/spring4Hdkk</a>		Registration opens Feb. 18. Space is limited!
 <b>Kendall County location - Yorkville Public Library</b> 902 Game Farm Road, Yorkville IL 60560	 <b>DuPage County location - U of I Extension Office</b> 1100 E. Warrenville Road, Naperville IL 60563	 <b>Kane County location - U of I Extension Office</b> 535 S. Randall Road, St. Charles IL 60174
<b>For more information:</b>  Donna Nuger  4-H Educator (630) 584-6166 <a href="mailto:dnuger@illinois.edu">dnuger@illinois.edu</a> or contact your county office.		
<b>I ILLINOIS</b> Extension COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES  If you need a reasonable accommodation to participate in this program, please contact your local University of Illinois Extension office. Early requests are strongly encouraged to allow sufficient time for meeting your access needs. University of Illinois Extension provides equal opportunities in programs and employment. University of Illinois College of ACES · United States Department of Agriculture · Local Extension Councils Cooperating		

**REGISTRATION OPENS FEB. 1**

## COMMUNITY STEM FAIR & SHOWCASE



Want to put your ideas and skills to the test? Join 4-H and Parkview Christian Academy for the 2019 community-wide Science Fair & STEM Showcase.

Designed for individuals or pairs in 4th to 12th grades, participants may choose the demonstration option or the science fair option\* (which must follow the Scientific Method). All registrants will receive a fair/showcase guide following registration.



**\*The top Science Fair entries will win a Smart Speaker!**  
Donated by 4-H & PCA Supporters

**Details & Registration at**  
[go.illinois.edu/science4Hdkk](http://go.illinois.edu/science4Hdkk)

-  Judging & Showcase April 11, 2019 - 3 to 8:30 p.m.
-  Parkview Christian Academy (Upper Campus) 202 E. Countryside Pkwy, Yorkville 60560
-  \$10 per entry. Space is limited!

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If you need a reasonable accommodation to participate in this event, contact your local Extension office. University of Illinois Extension provides equal opportunities in programs and employment. University of Illinois Extension · U.S. Department of Agriculture · Local Extension Councils Cooperating



Don't forget to check out the tri-county community STEM Fair & Showcase too!

Get the details for all these spring programs @ [go.illinois.edu/spring4Hdkk](http://go.illinois.edu/spring4Hdkk)