



Learn computer science
by hands-on doing.

4-H.org/NYSD

Missouri 4-H NYSD

October 2018

Zoom conference

September 10, 1:30 – 2:30 pm

September 11, 5:30 – 6:30 pm

<https://muextension.zoom.us/j/187349427>



Agenda

Overview of 4-H NYSD Code Your World

Missouri 4-H NYSD media plan with support from Extension Communications

Utilization of 4-H Teen Teacher Teams to lead events

Ideas to keep the 4-H NYSD going in your community;
4-H SPIN club ideas

Get a 4-H NYSD kits for local events in your county



2018 4-H NYSD

Developed by West Virginia State University

Supported by Google

Doesn't require internet access or prior computer experience

A good connection to Missouri CS Google Grant

Plans to continue with coding to the 2019 4-H NYSD

YouTube of 4-H NYSD 2018

https://youtu.be/ayVu70J_Gbl



Support from:



What's in the Kit?



1 Facilitator Guide

10 Youth Workbooks

10 Certificates of Completion

20 Completion Badge Stickers

13 Scratch Coding Challenge Cards

Scratch Username and Password Sheet

2 sets of 26 Dance Code Cards, plus 2 reference cards

5 Dice

5 Wooden Coins

Code Your Dance Poster

40 Crayons

13 Unique Scratch Activity Cards

2 Deck of 26 "Code Your Dance" Activity Cards

The USB Drive Includes:

Offline versions of Scratch and Adobe Air (for Mac OS X & Windows)

Animate a Name Offline Instructions

Printable Facilitator Guide

Printable Scratch Coding Challenge Cards

Printable Certificates of Completion Badge Stickers

Printable Youth Workbook (Code Your Dance, AI, Code Your World)

Printable Custom Code Your Dance Cards

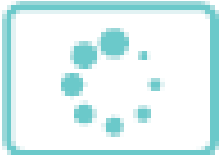

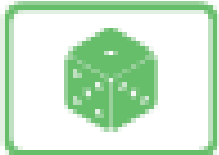

Careers with Code Magazine

What are the activities?

2018 Code Your World Webinar | 4-H National Youth Science Day

<https://www.youtube.com/watch?v=q3C-MuC06oQ>

1 hr. 22 min.

	 ANIMATE A NAME	 CODE YOUR DANCE	 ARTIFICIAL INTELLIGENCE	 COLOR YOUR WORLD
THE FULL CHALLENGE	<i>45 - 60 Minutes</i>	<i>45 Minutes</i>	<i>30 Minutes</i>	<i>45 Minutes</i>
SHORT & SWEET	<i>45 - 60 Minutes</i>		<i>30 Minutes</i>	
LOW- TECH		<i>45 Minutes</i>	<i>30 Minutes</i>	<i>45 Minutes</i>

Missouri 4-H NYSD Marketing

- Extension Communications will send media alerts
- Reach out to your regular media outlets as well
- Get quality photos and video
- Encourage youth and adults to wear 4-H clothing
- Excellent marketing materials at 4-H NYSD <https://4-h.org/parents/national-youth-science-day/#!marketing-materials>



4-H Teen Teachers for Code Your World

4-H CS Teen Teams

<https://4hcspathways.extension.org/teen-cs-leaders/>

Informative Zoom Sessions for Teen Teachers

Four registered Missouri teams

Recruit a local team



4-H SPIN and the 4-H NYSD

Take advantage of the structure of 4-H NYSD

Partner with Coding in your local school system

Kahn Academy

Code Missouri

Code.org

Girls Who Code

School access to computers

Use 4-H Scratch Curriculum

CS First from Google

<https://csfirst.withgoogle.com/en/home>



Register your 4-H NYSD Events

- You can request more than 2 kits
- Request kits if you plan to use them
- Use this link to register your event:
https://missouri.qualtrics.com/jfe/form/SV_0pwENTxUkZ5RhyJ
- Register by September 25



Questions? Ideas?

