



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?



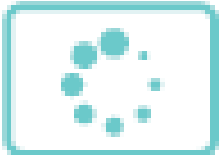

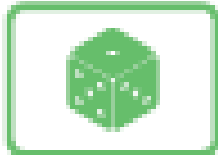
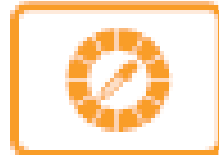
- 1 Facilitator Guide
- 10 Youth Workbooks
- 10 Certificates of Completion
- 20 Completion Badge Stickers
- 13 Scratch Coding Challenge Cards
- Scratch Username and Password Sheet
- 2 sets of 26 Dance Code Cards, plus 2 reference cards
- 5 Dice
- 5 Wooden Coins
- Code Your Dance Poster
- 40 Crayons
- 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?

