



Dr. Mark Light – Leader, Ohio 4-H STEM & Digital Engagement Innovations
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OHIO STATE UNIVERSITY EXTENSION

County.osu.edu

The screenshot shows a web browser at the URL hardin.osu.edu. The page header features the text "OSU Extension" and "College of Food, Agricultural, and Environmental Sciences" on the left, and the OSU logo with "THE OHIO STATE UNIVERSITY" and "COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES" on the right. A navigation menu below the header includes "Hardin County", "Program Areas", "Events", "News", "About", and "OSU Extension".

On the left side of the page, there is a sidebar with a red header "Hardin County" and a sub-header "4-H Youth Development". Below these are several menu items:

- 2023 Hardin Co. 4-H Family Handbook
- 2023 Livestock Royalty/Ambassadors and Scholarships
- 4-H Judging Registration
- Late 4-H Judging
- Livestock Skillathon 2022
- 2023 Hardin County 4-H Calendar

The main content area features a large photograph of a diverse group of 4-H youth members gathered around a table, looking at a tablet. A young woman in a green shirt is holding the tablet. Below the photo is a caption: "4-H members 'learn by doing' through hands-on activities and interaction with others."



Ohio 4-H

Clovers

Creating Opportunities Designed for Everyone



CODE

Expanding technology access across Ohio

Helping youth move from content consumers to content creators

The 4-H Career Pathway

Explore

Learn

Practice

Experience

"I might like to do this."

Activities that spark an interest through intro, short-term CS projects, ranging from 1-5 hours. Activities attract underserved and minority youth who may not (yet) see their potential in STEM.

Content:

4-H National Youth Science Day, Hour of Code, Farm Field Day bringing kids to working farm or fairground event booth at fairs.

Outcome:

Interest in technology and/or directly coding.

"I'm interested in this"

Project-based learning to improve understanding of a topic, develop problem-solving and collaboration skills. Long-term experiences ranging from 6-30 hours

Content:

Code club programming, such as CS First, camps focused on CS activities and clubs like 4-H Robotics Clubs cross-over content.

Outcome:

Confidence and seeing oneself being successful in this.

"I can do this."

Rigorous projects designed to build technical and leadership skills. Sustained and immersive learning of 31+ hours.

Content:

Community Action Plans, Hack-a-Thons or Design Challenges, Teaching Younger Youth.

Outcome:

Skill building success and demonstrating mastery

"I will be this."

Real-world applications with tech gurus, Google employees, etc. help youth prepare for and gain confidence in a particular field of interest (50+ hours).

Content:

Job Shadowing, Internships, Career Days, App Development

Outcome:

College and career readiness

Clovers Code Mobile Design Lab

For more information

- Dr. Mark Light, Ohio State University, light.42@osu.edu



- YouTube Highlight video - https://youtu.be/yHb_kro3WRA

Everyone
Can Create



apple.co/creativityforkids

Apple logo

30 Creative Activities for Kids

#CreativityForKids | apple.co/creativityforkids

1 Personify something 	2 Capture a time-lapse video	3 Make coloring sheets	4 Picture your name 	5 Go on a photo walk
6 See color in slo-mo	7 Emojify your mood 	8 Storyboard your daily routine	9 Calendar together 	10 Find shapes in nature 
11 Make a simple book 	12 Tell a story with shapes 	13 Record news interviews 	14 Create a comic strip	15 Get your questions answered 
16 Go back in time	17 Write a love letter to the planet	18 Make skip counting fun	19 Make patterns 	20 Go on a scavenger hunt
21 Concentration 	22 Leaning tower of pillows	23 Strike a pose, twice 	24 Send flowers 	25 Have a laugh 

Apple logo

MORE

30 Creative Activities for Kids

#CreativityForKids | apple.co/creativityforkids

1 A day in the life 	2 Photo words FLOWERS	3 Words to that effect	4 Burst on the scene 	5 Act out 
6 Texture hunt 	7 Relay a story	8 Time's up 	9 The brand of you	10 Toy storybook 
11 Make a tourist map	12 Be inspired 	13 Wake up to your own beat	14 Hop, skip, and jump cut	15 Make a vision board
16 Cut, paste, and layer 	17 Say hello	18 Draw with code 	19 A world of kindness	20 Create a beat 
21 Animate a portrait	22 Hometown mystery	23 Around the world	24 One, deux, tres	25 Talent show

Everyone

Can

Code

