

Iowa 4-H Summer Programming Distance Learning

- Sara Nelson PhD – 4-H STEM Specialist
- Beth Bunkers – Youth Program Specialist
- Ben Pullen – Youth Program Specialist



AT HOME LEARNING RESOURCES



WEEKLY ACTIVITIES

Innovation Week

LEARN. DISCOVER. EXPLORE.

MON.	STEM Invent a Rube Goldberg Machine.
TUES.	CLOVER KIDS Develop engineering skills by designing and building a machine to move candy!
WED.	HEALTHY LIVING Can you create a CONTRAPTION to reduce your screen time?
THURS.	CIVIC ENGAGEMENT Take action to innovate for a better community.
FRI.	VISUAL ARTS Use design thinking to solve an issue you care about.

EXTENSION.IASTATE.EDU/4H/4H-AT-HOME-LEARNING-RESOURCES

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Airtable - Youth View PUBLIC

airtable.com/shr1hL1wpyrTq8PGx/tblIEaUcxoyHn6XGX?blocks=hide

Airtable Youth View PUBLIC Sign up

Title	Source	Description	Priority Area	Platform	Grade Range	Cost	
1 Career Explorer	Nebraska 4-H	This is both a web resource and iPad ...	Civic Engagement/Leadership	Other	Grades 9-12	No	
2 Healthy Habits at Home	Iowa State University	A SWITCH tool for families to incorp...	Healthy Living	Social Media	Grades K-3	No	
3 Make your Daily Schedule	Iowa State University	This is a template your family can us...	Healthy Living	Downloadable	Grades K-3	No	
4 AZ 4-H QuarantEEN Project	Arizona 4-H	The AZ4-H QuarantEEN Project is a ...	Healthy Living	STEM: Ag/Animal Science	Grades 4-6	No	
5 Texas 4-H Virtual Experience	Texas 4-H	This is a link to the Texas 4-H Virtual ...	Healthy Living	STEM: Ag/Animal Science	Grades 4-6	No	
6 Kentucky 4-H Virtual Experience	Kentucky 4-H	These are Facebook Live events that ...	Healthy Living	STEM: Ag/Animal Science	Grades K-3	No	
7 Space Grant Consortium STEAM A...	Iowa 4-H & NASA	Weekly STEAM (science, technology, ...	STEM: All Other	Communication/Arts	Grades 4-6	No	
8 Living Room Learning Series	Nebraska 4-H	Each day, youth will participate in a h...	Healthy Living	STEM: All Other	Grades 4-6	No	
9 Credit Craze	Michigan 4-H	series of online courses in money ma...	STEM: All Other	Live Webinar	Grades 4-6	No	
10 Boredom Buster Challenge	Nebraska 4-H	Mondays and Wednesdays at 2PM C...	Healthy Living	STEM: All Other	Civic Engag	Grades 4-6	No
11 Project Area Hot Sheets	Iowa 4-H	a free series of over thirty topic-base...	Healthy Living	STEM: Ag/Animal Science	Grades 4-6	No	
12 Shop 4-H Curriculum	National 4-H	is the online store for nationally-vett...	Healthy Living	STEM: Ag/Animal Science	Other	Grades K-3	Yes
13 Bug Guide	Iowa State University	is an online knowledgebase for bug I...	STEM: All Other	Other	Grades 9-12	Grade	
14 Green Genes: Genetics	Massachusetts 4-H	is a DNA online course for at-home e...	STEM: All Other	STEM: Ag/Animal Science	Online Courses	Grades 4-6	No
15 Gardening in the Zone Video Series	Iowa State University ...	is a horticulture series of videos avail...	STEM: All Other	Healthy Living	Pre-Recorded Media	Grades 9-12	No
16 UK Forestry Video Channel	University of Kentucky	is a YouTube channel dedicated to fo...	STEM: Ag/Animal Science		Pre-Recorded Media	Grades 9-12	No
17 Junior Master Gardeners	Cooperative Extensio...	is a website with a wide variety of res...	STEM: Ag/Animal Science		Online Courses	Grades 4-6	Grades
18 Crops Feed the World	Iowa 4-H	free online lessons cover a variety of ...	STEM: Ag/Animal Science		Online Courses	Grades 4-6	No
19 How to Take Care of Your Pets	Iowa State University ...	a collection of videos on the Extensio...	STEM: Ag/Animal Science		Pre-Recorded Media	Grades 4-6	No
20 Dairy Farm Tours	American Dairy Asso...	Stuck at home with the kids for a whi...	STEM: Ag/Animal Science		Pre-Recorded Media	Grades K-3	No

87 records

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2:59 PM 4/30/2020

<https://www.extension.iastate.edu/4h/4h-at-home-learning-resources>



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Highlighted Programs – NASA

[Challenge #1 Introduction Video](#) - Astronaut Lander

Challenge

[Challenge Directions](#)

[Challenge #2 Introduction Video](#) - Straw Rocket

Challenge

[Challenge Directions](#)

[Challenge #3 Introduction Video](#) - Cardboard Rover

Challenge

[Challenge Directions](#)

[Challenge #4 Introduction Video](#) - Moon 2 Mars Coding

Challenge

[Challenge Directions](#)

[Challenge #5 Introduction Video](#) - Build a Moon Habitat

Challenge

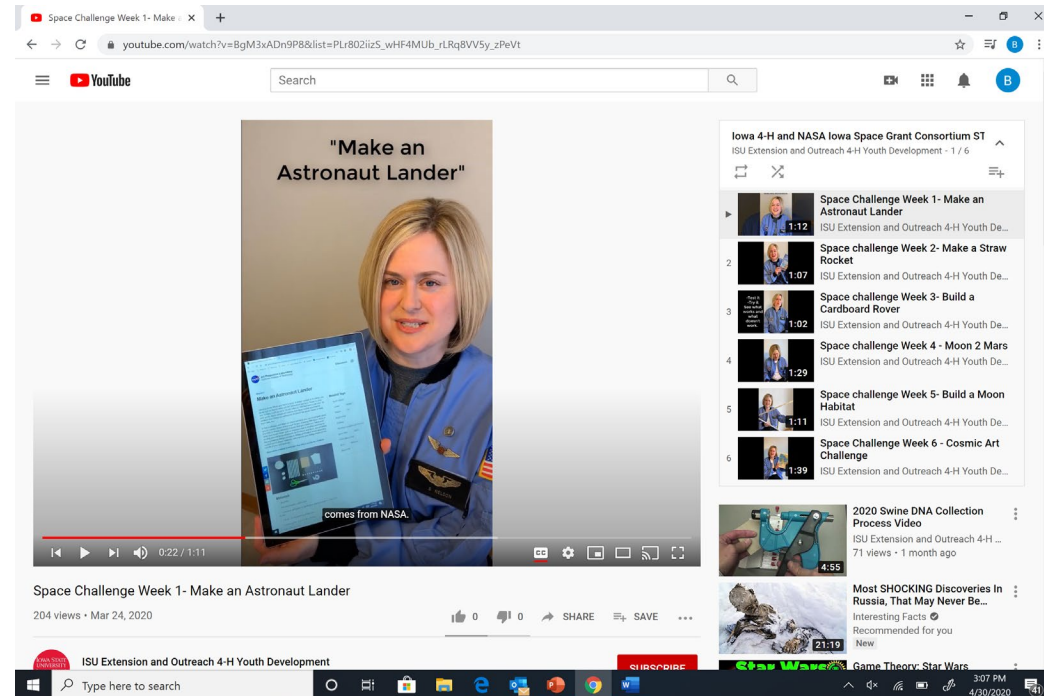
[Challenge Directions](#)

[Challenge #6 Introduction Video](#) - Cosmic Art Challenge

[Challenge Directions](#)

Thank you to our partner - Iowa Space Grant

Cc



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Highlighted Program- Mask Challenge



IOWA 4-H CREATES FACE MASKS

Calling all 4-H members, leaders, alumni, judges and friends! Help us make face masks for friends, neighbors, hospitals, and care centers!

1

DECIDE WHO

You could sew masks for a local hospital, care center, your neighbors or friends. You could reach out to a local essential business and offer to sew masks for their employees or customers. You may want to learn what requirements they have and how they would like your donation packaged.

2

CHOOSE A PATTERN

There are many options to choose from. Please select your pattern based on where you plan to donate the masks. For new sewers, we suggest this pattern: www.extension.iastate.edu/4h/iowa-4-h-creates-face-masks/

2b

DON'T SEW?

Consider checking out different no-sew options or cutting fabric for those who are sewing masks. A few no-sew pattern options: www.extension.iastate.edu/4h/iowa-4-h-creates-face-masks/

3

GATHER SUPPLIES

If you don't have fabric consider reaching out to your nearest fabric store.

JOANN has been encouraging customers and partners to help fight the severe shortage of personal protective equipment, launching the Make to Give face mask program nationwide. Customers are able to pick up a face mask kit at any open store, free of charge, to create masks to donate to organizations in need. JOANN continues to add new patterns and ideas to help those who are new to sewing. (www.joann.com/make-to-give-response)

4

SEW, SEW, SEW

Wash your hands and get busy sewing! Have fun while you do it! Involve the whole family and set up an assembly line. Play some music! Take pictures!

5

CELEBRATE!

Bag the face masks and drop them off! Be sure to record your donation at www.bit.ly/IAfacemasks. Post pictures on social media with #Iowa4HFaceMasks.



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Summer Programing Team

- Started with guiding questions
 - What is currently happening?
 - What are our objectives?
 - What are our priorities?
 - How do we ensure 4-H quality?
- Blended teams
 - Campus/Field/County
 - Set the Charge



What's on the Menu for April 22?

Vegetable Quesadilla

Recipe available at
<https://spendasmart.extension.iastate.edu/recipe/vegetable-quesadilla/>

What you will need:

- 4 (8 inch) whole wheat tortillas
- 3/4 cup shredded cheese
- 1/2 cup cooked beans
- 1/2 cup chopped vegetables (corn, mushrooms, onions, peppers, tomatoes)

See you at 1:00 p.m., Wednesday April 22!

<https://www.facebook.com/ISUExtensionandOutreachOsceolaCounty/>



Live Thursday, April 23 @ 3 PM on Facebook.

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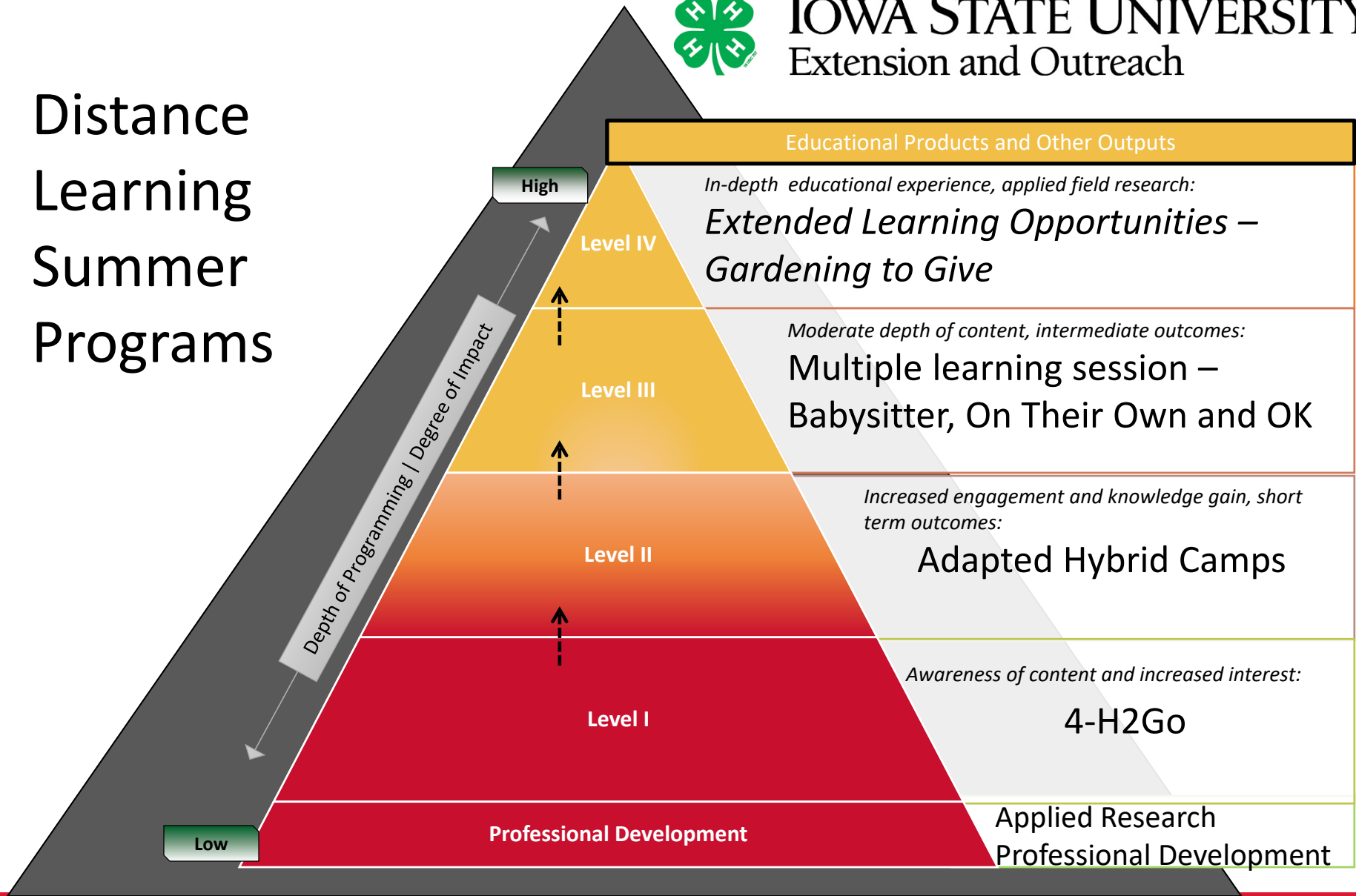
Surveyed Staff and Families

- 46% of counties had advertised and recruited for face to face summer programs
- 15% were/had planned virtual programs
- 75% were unsure of virtual programs
- 23% considering grab and go boxes, 18% socially distanced face to face (6 hour), 18% zoom programs, 16% socially distanced face to face (under 6 hour) 10% Facebook, 10% Youtube
- 80% would welcome virtual attendees from other counties
- 50% wanted programs for 4-8th graders
- 31% wanted STEM programs
- 43% preferred hybrid learning format
- 63% preferred short term (30-60 min)





Distance
Learning
Summer
Programs



Thank You!

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