

4-H Youth Development Impact At-A-Glance



4h.unl.edu



Construction Engineering camp days at the UNO Peter Kiewit Institute! Gabe worked with Legend in the Industrial Room to build hut prototypes.

Gabriel Baker, 6th grade member of North Star Foundation in Omaha, spent six-weeks during the summer in the Build-A-Hut Nebraska Extension camp being exposed to South Sudanese culture and challenges faced by its residents. He did this all while learning new skills and technologies being used in fields of construction/architecture, renewable energy, and civil engineering to solve those challenges. These skills were then put to use during the camp's capstone competition held at UNO's Pep Bowl and Student Center. While being interviewed, Gabe shared "my favorite part about today was this entire building process!"

"Seeing all the planning come to life was amazing. The university and community partners gave 100% to make this learning possible for the youth." *Tiffany Sessions, Extension Educator, Douglas-Sarpy Counties*

6 WEEK

hands-on learning experience, Build-A-Hut, in partnership with Aqua-Africa, focuses on engineering and water scarcity

63%

of youth reported positive change in STEM engagement through Build-A-Hut, 47% a positive change in STEM Career Interest, and 34% change in STEM Identity

78

youth from under-resourced neighborhoods throughout Omaha participated in the inaugural year of the Build-A-Hut program.



**STRENGTHEN NEBRASKA
AGRICULTURE & FOOD SYSTEMS**

**INSPIRE NEBRASKANS &
THEIR COMMUNITIES**

**ENHANCE THE HEALTH
& WELLBEING OF ALL
NEBRASKANS**

4-H Youth Development



Inspire Nebraskans & Their Communities One in three age-eligible young Nebraskans takes part in 4-H from Nebraska Extension. Through 4-H, youth gain experiences that help them become skilled employees, creative thinkers, and good citizens. Nebraska 4-H partners with schools, after-school programs, and youth organizations to provide University resources and research-based curriculum and educational content. As a result, young Nebraskans are inspired to pursue careers in science, technology, engineering, and math. Underserved populations have more opportunity to create and contribute. More kids discover their true passions and talents. And the next generation of Nebraskans is ready to enhance our workforce and become responsible community leaders.

6,235 YOUTH IMPACTED

Ag Festivals allow youth to experience and learn about agriculture from Extension professionals and community partners.

- Nebraska 4-H delivered Connecting the Dots a college-career exploration program to 22 locations served with nearly 3500 9th/10th grade students from 72+ schools across the state and worked with 450+ business & industry, military, and post-secondary education partners
- Nearly 1,000 middle-school youth, across 11 locations, were engaged in Inventure Day programming targeted to develop entrepreneurial mindset. Using innovation and creative problem-solving, teams of youth are paired with to develop and pitch a product.
- Nebraska 4-H delivered STEM field days across the state providing unique hands-on learning experiences to over 700 Kindergarten through sixth grade students. 64% of the attendees expressed an interest in a job that utilizes science and engineering and 73% of the attendees know how to identify potential solutions to a design problem.
- 4-H Tech Changemakers puts teens at the forefront of increasing digital inclusion in their communities through collaboration locally. 2226 surveys submitted from 59 counties and additional 6 states.



Through the UpStarts program, aspiring entrepreneurs partner with local businesses to develop solutions to real-world problems to positively impact their community. Young people engaged in the program learned the steps to starting an idea and making it happen.



“The Chamber was very excited to partner with the high school teens for the UpStarts program. I believe the younger generations have a very different world that they are going into than all the other generations before. It was exciting to watch the students learn the process of entrepreneurial mindset.” - Holdrege Area Chamber of Commerce CEO