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SPHERES OF INFLUENCE IN ENERGY

Brown County's Story
by County Executive Troy Streckenbach

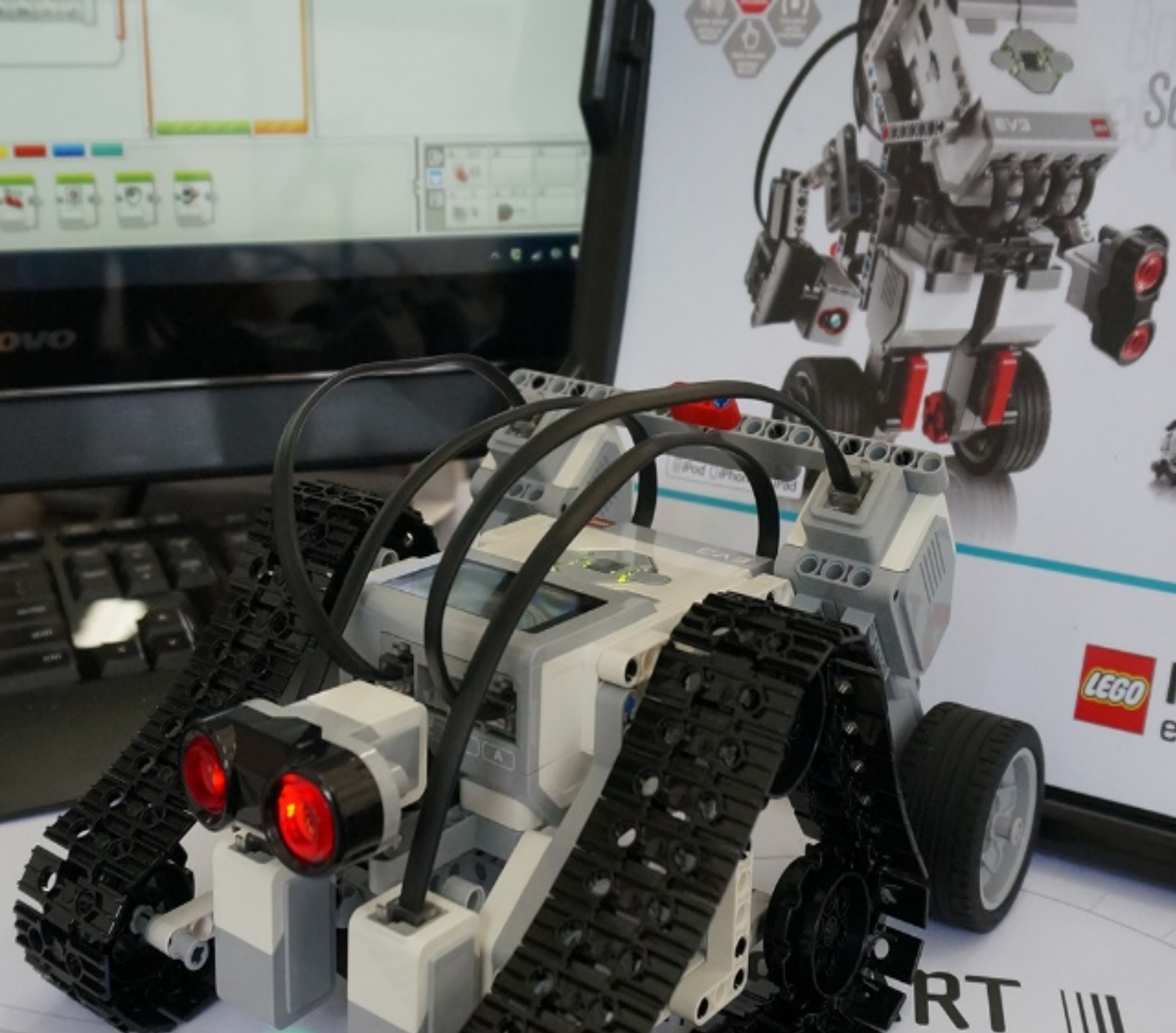






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Thames & Kosmos

PHYSICS workshop

Learn physics by building models!

Introduction to mechanics

Experiment kit with 8000

THE SCIENCE OF MATTER & ENERGY

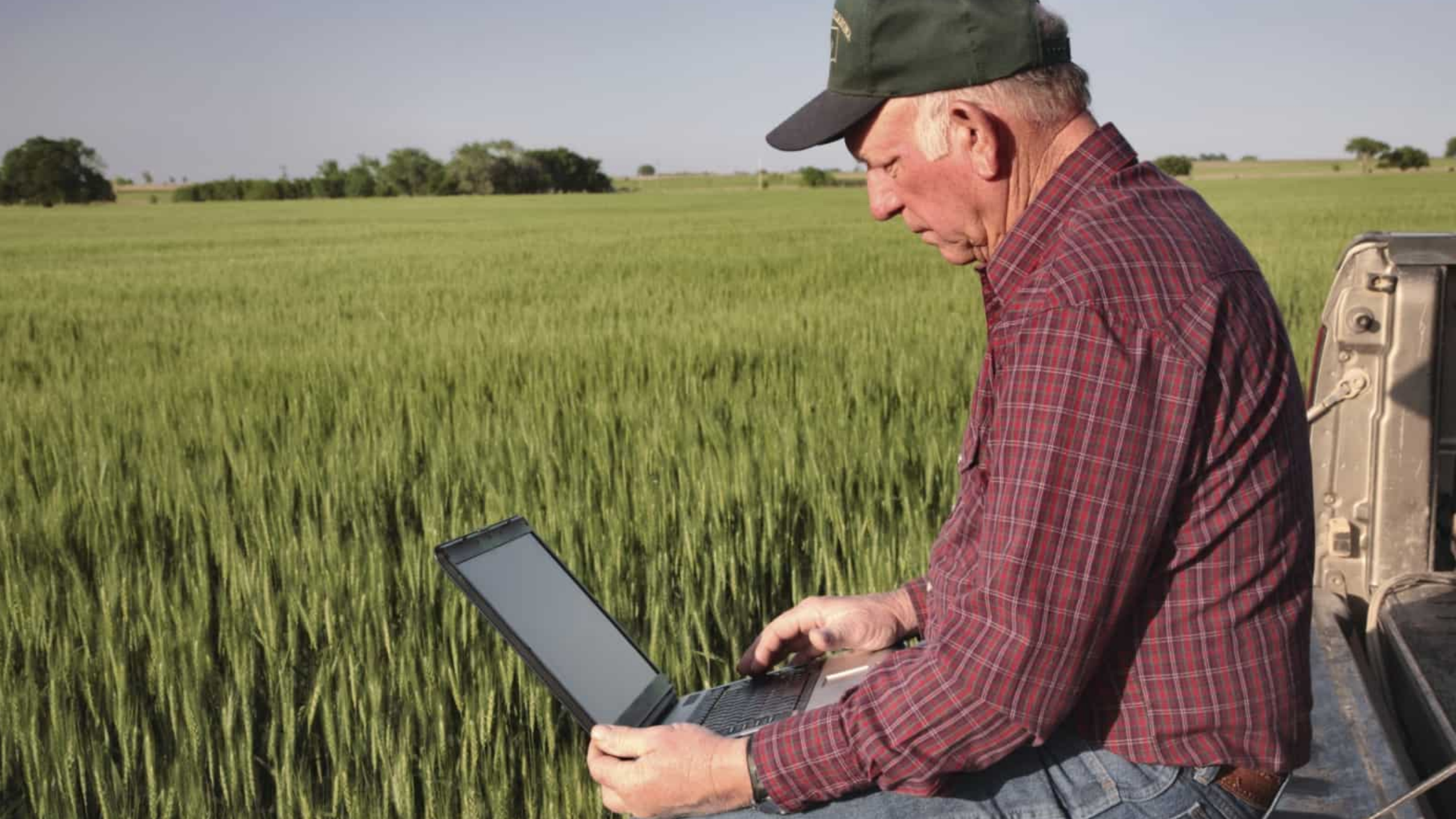
WORKSHOP #1

WORKSHOP #2

Thames & Kosmos

Newton





STEM Innovation Center

- Serving as the home of UWGB's School of Engineering, the Einstein Project, Brown County UW-Extension and Brown County's Land and Water Conservation Department
- Will create and foster Northeast Wisconsin's Ecosystem of Research and Development
- Hands-on partner for providing solutions to help secure our region's manufacturing future, creating economic development and opportunity for tomorrow's innovators



Lower Fox Demo Farms Network

- Lower Fox Demonstration Farms Network is a Great Lakes Restoration Initiative project designed to showcase and demonstrate leading edge conservation practices that improve water quality by reducing phosphorous from entering the Fox River Basin.
- Partnership consists of 8 producers within the Fox River Basin, their crop consultants, Brown and Outagamie Land and Water Conservation Departments, the Natural Resource Conservation Service and UW-Extension.

County to Continue Funding Farming Project

Tuesday, October 16, 2018 5:30 p.m. CDT by John Wojcik



PHOTO: Midwest Communications Inc.

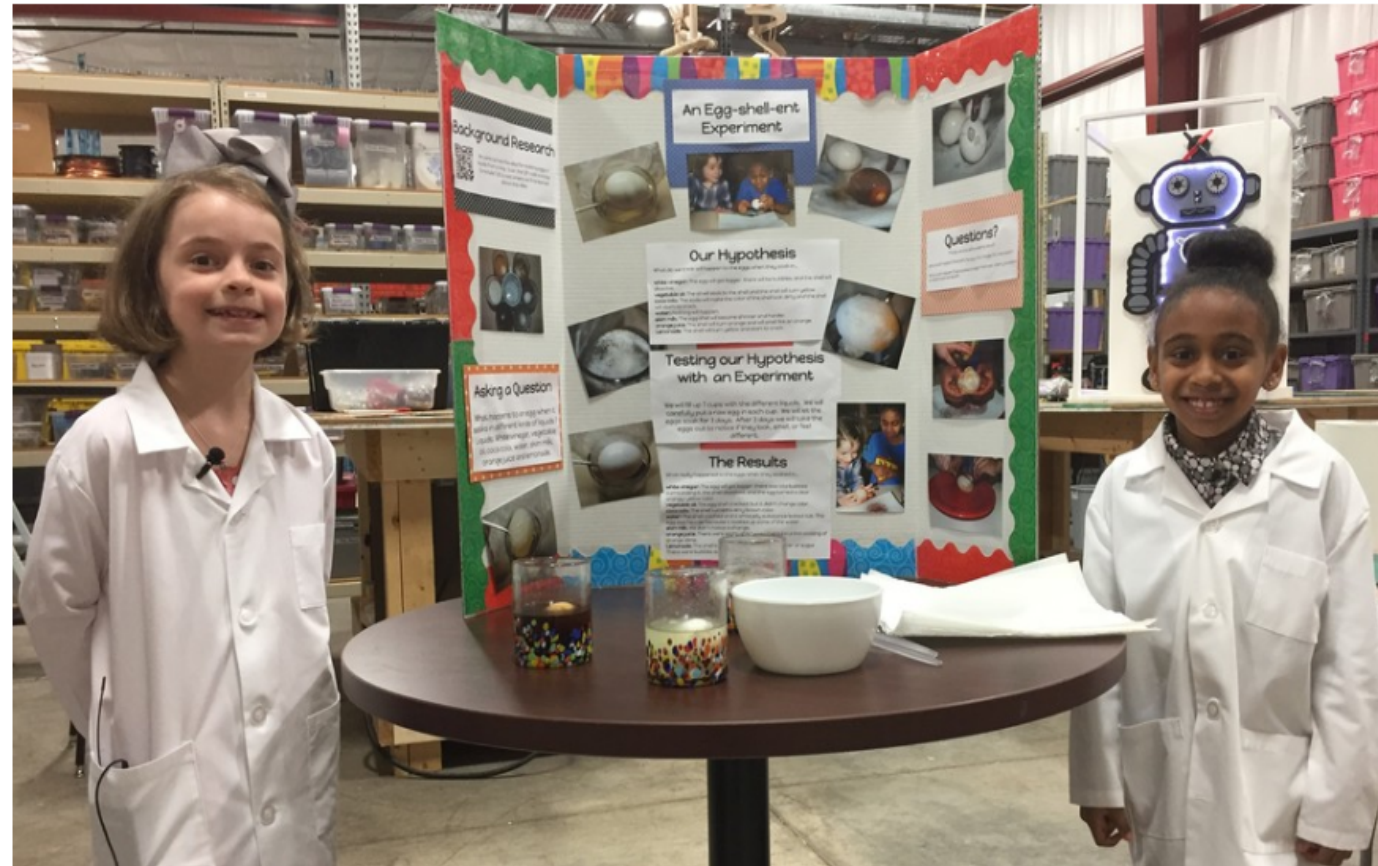
BROWN COUNTY, WI (WTAQ) - It was announced on Tuesday that Brown County will continue to fund a conservation project aimed at reducing erosion and sedimentation on local farms in their 2019 proposed budget.

Einstein Project

- Elevates STEM education by providing materials and curriculum in kits for quality, interactive science, engineering, maker and math lessons.
- Offers Makerspace Services where people collaborate to share tools, materials and expertise on all sorts of creative and technical endeavors.
- Adopts the LASER model developed by the Smithsonian Science Education Center to utilize strategies and practices to engage with the content in developmentally appropriate ways similar to those of professionals working in STEM fields.

Student skills on display at Einstein Project's STEAM Fair

by Justin Steinbrink |



Einstein Project's STEAM Fair (Courtesy: WLUK) 4-27-2018

UW-Extension/4-H Youth Development

- Collaboration between UW-Extension, 4-H and the Green Bay Area Public School District offering STEM-related after-school programming to students within the district
- In 2018, UW-Extension expanded robotics programming for elementary-aged children while teens engaged with Tech Changemakers focused on increasing STEM programming for middle school youth
- Students engage with robotics programming, learn critical thinking skills and focusing on science, technology, engineering and math learning outside of the classroom

Local News

Using Robots to Teach Value of STEM in Green Bay Schools

By: Kris Schuller 

Posted: Oct 25, 2018 06:34 PM CDT

Updated: Oct 25, 2018 06:34 PM CDT



GREEN BAY, Wis. (WFRV) - Kids love robots. And now an expanded after-school robotics program is

UW-Extension/Community Gardens Program

- Provides garden space and logistical assistance to Brown County residents to facilitate their access to affordable, nutritious and culturally appropriate food
- Program currently has 10 community gardens on over 4 acres with more than 300 plots and 200 gardeners county-wide
- Overall initiative is to increase food security in Brown County
- Supported by Brown County, UW-Extension, City of Green Bay, donors and local volunteers

COMMUNITY EVENTS, LAKESHORE NEWS

New Green Bay Community Garden

Posted on May 13, 2016 by hotcountry921 in Community Events, Lakeshore News

The Brown County UW-Extension Community Gardens Program will open a new community garden with a kickoff event on **Saturday, May 14, at 10:00am at 1278 Western Ave.** The event will begin with comments from Green Bay's mayor, Jim Schmitt, Greater Green Bay Habitat for Humanity, the Western Corridor Neighborhood Association, and Brown County UW-Extension staff. Activities include a pollinator garden planting and free plant and seed distribution for participating gardeners. The event is open to the public.

After identifying a need for increased gardening space on Green Bay's west side, specifically to reach the area's immigrant populations, the Community Gardens Program partnered with Greater Green Bay Habitat for Humanity to develop an unused Habitat land parcel into the Western Ave Community Garden. The garden will offer 34 10'x20' plots in its first year, at a rental fee of \$15 for the summer. Plots opened for rental at the end of April, and all plots are now rented to the neighborhood's diverse population, including to Somali, Hmong, and Latino community members.

UW-Green Bay Mechanical Engineering Program

- Only Mechanical Engineering program in Northeast Wisconsin - Offered through the Richard J. Resch School of Engineering
- Cutting-edge program offering students individualized attention from award-winning professors
- Hands-on education with state-of-the-art equipment
- Opportunities for research and internships with some of the largest companies and employers in the region

Mechanical Engineering



