WE NEED MORE STEM LEADERS

The fastest growing jobs of the future are in the science, technology, engineering and math (STEM) fields. Yet kids across the country are not being exposed to real-world applications of STEM, diverse career options or mentorship with the people who drive technology and innovation. What’s more, too many are not gaining the life skills necessary for career success.

4-H STEM proven programs build excitement for engineering and technology using hands-on activities to teach problem solving and creative, critical thinking. We specialize in growing technical skills along with critical leadership skills like teamwork, communication and resiliency. And, with a presence in every county across America, 4-H can provide access to this programming for all kids.

We will invest $30M over the next five years to grow our STEM programming and impact more kids in urban, suburban and rural areas across the nation.

STEM PROGRAMS

All STEM programs rely on the 4-H career pathway model which guides youth from initial STEM exploration to real-world working experience—all with the support of caring adult mentors. Specific programs on this pathway include:

National Youth Science Day (NYSD): Nationwide challenge that brings science to life and ties it to career pathways for nearly 100,000 kids every year—sparking an interest in STEM, especially among girls and minority youth.

Maker Summit: Designed for high school students from grades 9 to 12, the Maker Summit is for youth who love to tinker and innovate. From circuitry and coding to catapults and egg drops, teams invent, test and demonstrate. This weekend series includes mini-workshops and career talks from leaders in the field.

Robotics & Engineering, Computer Science, Digital Fluency and Environmental Science: In-depth programming offered in clubs, camps and afterschool programs helps kids discover basic engineering principles, learn coding or explore environmental sustainability.

STEM Youth in Action: This highest 4-H honor is awarded to a 4-Her for overcoming challenges and using skills he or she gained in 4 H to create a lasting impact in his or her community.

Learn more at: www.4-H.org
4-H: America’s Largest Youth Development Organization

4-H is empowering young people with the skills to lead for a lifetime—in every county in the nation.

EXPERTISE

• Programming and curriculum are designed, delivered and evaluated by 110 land-grant universities across the country
• 3,500 professional educators
• Unique public-private network backed by the power of the federal government (USDA)

REACH

6,000,000 YOUTH PARTICIPANTS: 35% Minority | 1.25M Urban | 1.75M Suburban | 3M Rural

25,000,000 4-H ALUMNI

600,000 ADULT AND YOUTH VOLUNTEERS

CORPORATE PARTNERS

Together with our partners, 4-H programs demystify STEM, build knowledge and share the industry’s rich and rewarding career opportunities to a wider spectrum of youth.

YOU CAN HELP

We need you to help make a difference in the lives of more youth—to inspire and empower them to see the possibility, excitement and opportunity of STEM fields. With you, we can grow millions of true leaders to be a new generation of innovators, change makers and bold thinkers ready to change the world.

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National 4-H Council is the private sector, non-profit partner of the Cooperative Extension System and the National Institute of Food and Agriculture within the United States Department of Agriculture.

Learn more at: www.4-H.org