

Inviting Collaboration

Creating a learning ecosystem

KC STEM Alliance leads the STEM Learning Ecosystem initiative known locally as STEM Connect-KC. STEM learning ecosystems are built around collaboration among schools, out-of-school programs, museums, science centers, higher education, community-based groups, businesses and STEM professional organizations. Each spring, KC's ecosystem celebrates this work as part of Remake Learning Days Across America. Learn more at www.remakelearningdays.org/kansascity.

STEM Connect-KC

STEM Connect-KC offers an online portal of organizations participating in the learning ecosystem and an events calendar where students and families can find STEM programming across the region. Explore these resources at kcstem.info/connect.

Supporting STEM Education

In school: Project Lead The Way®

Project Lead The Way® is a nationally recognized preK-12 STEM curriculum now available in 36 KC-area public school districts, 14 private or charter schools plus out-of-school partners like the Kansas City Zoo.

With hands-on, project-based learning in the fields of engineering, biomedical science and computer science, Project Lead The Way turns classrooms into spaces where content comes to life. KC STEM Alliance supports PLTW by providing professional development, connecting industry mentors with students and teachers, and organizing student competitions and scholarships.



Out of school: FIRST®

FIRST® Robotics offers mentor-based after school programs starting with FIRST LEGO League and building to the high school-level FIRST Robotics Competition.

The program combines the rigors of science with the excitement of sports to engage students in STEM. KC STEM Alliance manages, staffs and covers all costs associated with Greater Kansas City Regional FIRST events and competitions. Learn more at kcfirst.org.



Increasing Access

Kansas City Engineering Zone

Kansas City's K-12 urban students acquire real-world STEM skills at the KC EZ, a KC STEM Alliance partnership with University of Missouri-Kansas City's School of Computing and Engineering and generous donors. The KC EZ serves as a build space for four urban FIRST Robotics teams and provides space for teacher and student events and other STEM programs.

Diversity in STEM Initiatives

KC STEM Alliance intentionally works to increase the participation of those historically underrepresented in STEM—including girls and students of color—through education and career exploration. Activities include building mentoring programs and hosting focused panel discussions to create a strategic framework for action.



KC STEM Alliance was founded in 2011 to connect the many STEM education and workforce initiatives in our community. The alliance supports leading in-school and out-of-school STEM programs, increases access to STEM activities in underserved communities and invites community collaboration by leading regional STEM initiatives.

Our Mission

The KC STEM Alliance is a collaborative network of educators, business partners and organizations that inspires interest in Science, Technology, Engineering and Math careers to generate a robust force of related professionals for our community.

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