



In St. Louis!



Mission

Green St. Louis Machine empowers students and communities with hands-on agriculture literacy and food preparation, fostering a practical understanding of STEM/STEAM, Food as Medicine (nutrition), and sustainable food systems in an urban environment.

Vision

To cultivate a future-ready, agriculturally-grounded generation of urban innovators leading a resilient, quality workforce and tech-driven, food-secure communities.

Why It Matters

St. Louis faces food insecurity, childhood obesity, diabetes, and heart disease. Since 2015, GSM has partnered with schools and community organizations to change this trajectory. Inspired by Stephen Ritz of the Green Bronx Machine, we connect urban agriculture with education and social justice. Annually, at the Green Gala, students prepare and serve dishes made from what they grow —celebrating health, innovation, and community.



Community Impact & Partners

Youth: Mathews-Dickey Boys & Girls Club, Saint Louis Science Center GROW, Gene Slay's Girls & Boys Club, St. Louis Public Schools, North Side Community School, Kairos Academies, Biome STEAM School, Grand Center Arts Academy, Ferguson Middle, McCluer South Berkeley, GALACTIC.

Community: Heru Urban Farming, UJIMA STL, A Red Circle, Love in Action, City Greens Market, Show Me Green Schools, Christian Hospital, Hamilton Hospitality, Urban Sprouts, University of Missouri, MU Extension 4-H.

Tower Farm

In 2024, GSM launched a Tower Farm to expand access to urban agriculture, sustainability education, and workforce pathways.



State Leadership Support

In 2025, at a meeting of St. Louis Agri-Business Club leaders, Governor Mike Kehoe affirmed the significance of our work and highlighted the importance of ensuring urban youth understand where their food comes from. Despite this recognition, our work remains woefully underfunded.

Connect

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