



STEAM

Career Prep Academy Initiative

The Jennings STEAM Career Preparatory Academy Initiative will provide exposure, empowerment, and educational enlightenment to students from Preschool-to-PHD-and-Professions.

We aim to foster cross-curriculum collaboration so students can make connections across subject areas, participate in projects that help students acquire valuable workplace and soft skills, and and see their education as a step toward long-term career options. This curriculum has been created in partnership with corporate and industry leaders, as well as local colleges and universities for college credit. Jennings also plans to empower teachers with professional development and courses in the technical areas to expand the boundaries of the classroom in non-traditional ways that ensure lessons have real-world application, preparation, and certifications to growing STEAM industries and available jobs.

A minimum of 1,000 students will be a part of this initiative and up to 2,600 students total will benefit from this initiative. Through rigorous, industry-validated career-themed curriculum that incorporates current industry standards, practices, assessments and STEAM integration, our students will not just survive, but thrive in society.

Jennings will provide mentorships, internships, apprenticeships, scholarships, post-secondary education, entrepreneurship, and employment opportunities to 100% of our students by graduation.

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Career Prep Academy Goals

1

To enlighten our students with work-based curriculum that establishes a list of at least 7 to 15 industry certifications that Jennings students as well as residents can complete within 2 years or less and before high school graduation.

2

To empower 100% of our students (9-14 graders) with a dual enrollment track that will allow Jennings secondary and post-secondary students (7-14 graders) to complete up to an associate degree (or certificate) in a technical career field prior to high school graduation with courses within our schools as well as with the colleges.

3

To expose 100% of our students (7-14 graders) to careers, mentors, internships, apprenticeships, and scholarships.

This includes the following seven pathways in the STEAM Career Academy:

Arts (Visual, Performing,
and Liberal Arts)—Lion
Forge, Nine Network, and
more

Health Sciences—CNA
Cert., Pharmacy
Technician Cert., Project
Lead the Way,
Washington University

Engineering and
Construction
Engineering—Emerson,
Clayco, Carpenter's
Union, Ivy Tech

Information
Technology—UMSL,
Ranken Technical
College, IBM, Worldwide
Technology, Microsoft
Cert., Cisco Cert. and
more

Education—partners
include Lindenwood
Lincoln, Harris-Stowe
State Universities, SLU

Tourism and
Hospitality—McDonalds,
Jennings, Prostart Cert.

Finance and
Entrepreneurship—
partners include Regions
Bank, FDIC, Midland
Bank, Federal Reserve
Bank