



Union Station Kansas City, Inc.
Position Description

Title: Maker Educator
Department: Science City
Reports to: Science City Manager

Job Summary

Science City Educators are the public face of Science City (SC, the City), and are a valuable member of the Union Station team. SC Educators help set the tone for visitor interactions and are expected to contribute to a positive, collaborative culture that is conducive to active learning and exploration. Educators work in the City greeting visitors and engaging them in activities, and are required to be approachable, outgoing and engaged with the public while in uniform. Science City Educators assist guests in becoming familiar with exhibits and activities, encourage visitors to experiment, ask questions and provide answers to questions from guests. SC Educators lead activities in Science City and offsite, including creating and delivering educational programs and science demonstrations, facilitating permanent exhibits, developing science content, staffing Science City floor, special events and overnights, and helping assess overall visitor experience. All SC Educators work together to foster inquiry-based, self-directed learning environments.

The Maker Educator works in close collaboration with the Maker Specialist and as a member of the Science City Education team. The Maker Educator is responsible for planning and implementing a variety of educational programs, using tools and materials to engage kids' creativity and spirit of exploration and making. Programs include self-guided, drop-in experiences as well as more structured, in-depth workshops and organized group visits. The Maker Educator is responsible for developing programming with the Maker Specialist, the Maker Studio team and other Science City Educators. The Maker Educator's work involves designing imaginative learning experiences, articulating program objectives, developing "learning guides" to train other educators how to facilitate the programs, leading and/or supporting program facilitation, and managing general upkeep of the tools and makerspace. This individual must stay connected to current national maker initiatives, technologies and programming.

Essential Duties and Responsibilities: Educators are responsible for creating programming with an internal team, on their own, and occasionally in collaboration with consulting artists/others. The work involves designing imaginative learning experiences, articulating program objectives, developing learning guides to train volunteers and other collaborators in how to facilitate the programs, and leading and/or supporting program facilitation.

- Responsible for developing and delivering Science City/Maker Studio programming using tools and materials to engage kids' creativity and spirit of exploration and invention.
- Create, revise and refresh programming and content as needed.
- Assist with the training of new education team members and be an active, collaborative teammate.
- Provides the highest level of customer service and maintains a safe and secure environment for guests and staff.
- Stays current within the fields of "making", science, technology and education as they relate to SC's content and exhibits.
- Actively seeks out and engages visitors in conversation, exploration and experimentation.
- Ensures safety protocols are followed.
- Demonstrates commitment to Union Station's vision, mission and goals.
- Attends all staff meetings and trainings as required.
- Supports the operations of Science City and Union Station including staffing the science center floor, staffing special events, and enhancing the overall visitor experience.

- Oversee, cleaning and upkeep of the makerspace during day to day operations.
- Tracking Discovery Area schedule, ordering necessary supplies, organizing supplies.
- Perform tool maintenance as designed by the Maker Specialist, training will be provided
- Other duties as assigned.

Please note that the above job description is not all inclusive of actual job duties and is meant to give an applicant a basic summary of the job opportunity being offered.

Qualifications

- Hold a relevant Bachelor's or Associate's degree, or be pursuing a degree in science, education, art, engineering, fabrication or a related field. Relevant work experience in maker STEAM fields are also acceptable
- Be a minimum of 18 years of age on the date of hire and able to perform each essential duty satisfactorily.
- The candidate must have a minimum of 2 years' experience teaching informally or in a classroom setting.
- Demonstrated experience designing and leading "maker" education programming and/or hands-on programming for elementary and middle school aged youth that integrates science, technology, engineering, art and math (preferred).
- Have a working knowledge of maker/making and engineering process skills (preferred)
- Readiness to apply your skills as a Maker Educator to plan, prep, and present programs that include digital fabrication, 3D print design, basic electronics, manufacturing technology, soft circuits and sculpture, sewing, physical computing and a range of tinkering and experimental programs.
- Ability to work collaboratively with a co-facilitator.
- Excellent verbal and written communication skills and ability to effectively communicate with a wide variety of audiences including children, teachers, parents/caregivers and community members.
- Be available to work one weekend day consistently and work occasional holidays, special events, evenings, overnights and additional weekend time.
- Be a motivated self-starter who works independently and proactively without much supervision.
- Hold a valid driver's license.

Preferably, candidates should have:

- Experience working with diverse groups and communities.
- A working knowledge of science and engineering process skills.
- Experience in public speaking and customer service.
- Bi/multi-lingual skills

*Union Station Kansas City is committed to employing a drug-free and diverse work force.
EOE M/F/D*

To Apply: Email your résumé to: employment@unionstation.org

Or send resume and cover letter to:

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Human Resources Department
30 W. Pershing Road, Suite 400
Kansas City, MO 64108-2422