

## KENTUCKY SCIENCE CENTER

### POSITION DESCRIPTION

**TITLE:** STEAM Specialist

**REPORTS TO:** Senior Manager of Fee-Based and Offsite Initiatives

#### **SUMMARY:**

Are you an educator or facilitator that enjoys helping young people? Do you have a knack for balancing science and the arts? This position is responsible for overseeing the development and implementation of STEAM programs (Science, Technology, Engineering, Art, and Math) throughout the education department. This position will work with students and families from a variety of age ranges and demographics with the Kentucky Science Center and through offsite/outreach programs. Must be engaging, personable, approachable, adaptable and creative, excited to increase students' interest and involvement in STEAM and maker activities. They will be expected to perform in a variety of settings that includes classes, labs, outreaches, afterschool programs, camps, demonstrations and science expos. This position will also serve on cross-functional planning teams to help develop, evaluate, and facilitate a variety of STEAM, maker and robotics experiences to a variety of audiences.

#### **RESPONSIBILITIES:**

- Provide input in the development, facilitation and evaluation of all STEAM programs offered on-site and off-site with an emphasis on, Maker and or Robotics Programming.
- Required to maintain program supplies/records, and program curriculum for the month, and reports them out monthly to Education Managers.
- Create/demonstrate a variety of DIY (do-it-yourself) STEAM programs; be able to train fellow educators in those methods.
- Provides input for development and evaluation of new programs and procedures.
- Be comfortable utilizing, and training Education staff on various platforms: PC, Tablet, Handset and a variety of basic coding and Robotics software and platforms.
- Be flexible and enjoy tackling technical challenges and presenting these to fellow educators.
- Demonstrate strong communication skills and be able to function in a team environment. Must be comfortable communicating with schools, parents, teachers and fellow educators.
- Background working with children from a variety of age ranges and demographics is preferred.
- Performs other duties as assigned by the Senior Manager of Fee-Based and Partnership Initiatives.

#### **POSITION QUALIFICATIONS:**

- BA or BS degree in science, education, liberal arts, or recreation or equivalent experience.
- Be able to work both independently and collaboratively
- Satisfactory part-time or full-time work record in youth programs, camps, volunteer or other related program.
- Enjoy interacting with the public and love the challenge of a great question.
- Excellent communication and public interaction skills.
- Have an interest in creating, designing and making.
- Enthusiastic and flexible attitude.

- Experience with program leadership and supervision of part-time and or volunteer staff.
- Ability to stand/walk for long periods of time with or without accommodation.
- Able to lift up to 50 pounds and perform the physical duties such as lifting, reaching, pulling/pushing with or without accommodation
- Must be able to work evenings/weekends including overnight stays.
- Must be able to travel and accommodate overnight stays as needed.

**KNOWLEDGE REQUIRED BY THE POSITION:**

- Ability to work comfortably with the public of all ages and backgrounds.
- Ability to learn quickly, adapt to changing situations and react calmly under pressure.
- Understanding of basic educational practices and basic scientific principles.
- Ability to motivate and inspire others, especially children of all ages.
- Ability to work comfortably with science equipment, multimedia/instructional technology and safety procedures during training and in workshops or demonstrations.
- Ability to speak clearly and present ideas effectively.

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**CLASSIFICATION:**

Range 1

Non-Exempt

Regular Full Time

Reasonable accommodation may be made to those who are able to perform the essential duties of this job.

The Kentucky Science Center reserves the right to revise this position description, as it deems necessary.