



Created by



MISSION

To create educational opportunities to engage children in science, technology, engineering, art and math. We believe every child and adult should have the opportunity to explore the growing and magnificent world of STEAM.

LOCATION

Address to be announced upon signing of lease agreement

Will be within the Opportunity Zone

This location will provide extensive opportunities for student mentorships and internships within the STEAM Center and the surrounding businesses and trade shops.

FEATURES

- 40,000 square foot facility
- Exhibit hall with interactive exhibits focused on all areas of STEAM to engage middle and high school students as well as adults (*ESSER funds will NOT be used in this area*)
- Maker space for children 3-8
- Maker space for children 8+
- Pottery Studio
- Screen Printing Studio
- Woodworking Shop
- Professional Development Classroom
- Computer Lab
- Robotics Lab
- Sound Studio
- Design Studio with 3D printing

- Science Lab
- Greenhouse and Kitchen
- More areas will be added and modified as our architect continues to develop our design and as we continue to assess community needs

PROGRAMS

- Mentorships
- Internships
- Maker Space Classes in variety of areas
- Woodworking Classes
- 3D Printing Classes
- Audio Visual Classes
- Career Readiness Classes
- IT Classes
- Coding Certificates through SC Codes
- Art Classes through Gibbes Museum of Art
- Merit Badge Classes through the Scouts
- STEM and STEAM Professional Development in partnership with STEM Center of Excellence at the Citadel
- More to come as we continue to plan and assess community needs

FUNDING

ESSER funds will be used to kickstart the above listed programs, as well as hire quality staff and purchase of materials for maker spaces and workshops. ESSER funds will not be used in the Exhibit Hall.

Within 3 years, we plan to be operating at 70% revenue and 30% grants and donations. It is our goal to work closely with CCSD, but not be a financial strain. ESSER funds will help us create an amazing program that will soon be self-sustaining.

ACCESS

We will be working with CARTA to increase safe bus accessibility to and from the STEAM Learning and Activity Center. Our proposed location will be central to most parts of Charleston County.

Field Trips for Title 1 schools will be free.

Students who wish to attend summer camps or after school programs can be nominated for scholarships by their guidance counselor, teacher, or administrator for free admission.

GETTING STARTED

In partnering with CCSD, our first step will be to accommodate field trips. As we evaluate student interest, we will expand to the other programs (i.e. after school classes and workshops). We will work closely with CCSD on logistics of transportation for students during and outside of school hours.