

STEAM Learning Lead for STEAM & Dream Liberation Labs

Organization: STEAM & Dream Liberation Labs, a 501(c)3 nonprofit

What We Do:

Mission: STEAM & Dream Liberation Labs empowers Black and Brown (underrepresented in STEM) youth through culturally affirming STEM programming. We believe that by sparking an early interest in STEM careers, showcasing diverse role models, and fostering project-based learning, we can equip the next generation of leaders to address real-world challenges.

Position Overview: STEAM & Dream Liberation Labs, a new 501(c)3 organization is seeking passionate and dedicated STEM Learning Leads to join our team. As a STEM Learning Lead, you will have the opportunity to mentor and guide a cohort of middle school students through hands-on project-based learning activities focused on either Technology or Healthcare. You will play a crucial role in inspiring the next generation of diverse STEM professionals by fostering their interest and confidence in STEM fields.

We are partnering with five middle schools in Chicago during the fall 2024 semester to offer exciting after-school and in-school programs focused on Technology and Healthcare.

Key Responsibilities:

- **Become a Mentor & Role Model:** Co-facilitate and guide a cohort of middle schoolers (15-25) through a series of exciting, hands-on projects tied to healthcare or technology. ○ **NOTE:** There will be 2 STEM learning Leads mentoring per session. Each School partner will provide a liaison teacher, administrator, or support staff who will be on call during programming at each school.
- **Ignite Curiosity:** Share your passion for your respective field while delivering engaging activities that spark a love of STEM.
- **Empower Young Minds:** Help students design projects to address issues in their communities, fostering problem-solving skills and a sense of agency.
- **Be a Champion for Change:** Contribute your expertise to shape future program iterations, ensuring STEAM & Dream's programming continues to excel.
- **Collaborate:** with STEAM & Dream staff to improve programming for future years.

-

STEAM & Dream offers:

- **Develop Transferable Skills:** Gain valuable experience in youth advocacy, project management, communication, and leadership.
- **Professional Development:** Receive comprehensive training on culturally responsive mentoring, engaging facilitation techniques, and curriculum specifics.
- **Make a Lasting Impact:** Witness firsthand the positive influence you have on the lives of young people.
- **Flexible Schedule:** Choose between after-school (1 hour/week) or in-school (2 hours/week) programs to fit your needs. (Both options are 10-12 weeks long/semester).
- **Ongoing support:** Collaborate with passionate colleagues and receive ongoing support from STEAM & Dream staff.

Qualifications:

- Currently registered as an associate, undergraduate, or graduate student in good academic standing, pursuing STEM trade certification, or having relevant professional experience in the offered fields.
- Availability for at least 1-2 hours per week per semester (8-12 hours per semester).
- Strong interpersonal communication and leadership skills.
- Ability to work with diverse individuals and promote inclusivity in STEM.
- Access to transportation for travel to and from program locations.
- Experience working with youth or a passion for youth and workforce development.
- Background checks and mandated reporter training are required(STEAM & Dream will guide you through these items).

Ideal Candidates:

- **Education majors:** Put your teaching skills to work in a dynamic and impactful environment.
- **STEM Students:** Share your knowledge and experience with younger students while gaining valuable leadership skills.
 - **For Technology STEM Learning Leads:** Majors or program experience in Technology(Computer Science, Information Technology, Information systems, Data Analytics, computer engineering, graphic design, Design thinking, Education,& Mathematics. **For Healthcare STEM Learning Leads:** Majors or program experience in Healthcare(Nursing, Medicine, Physician Assistant,

Pharmacy, physical therapy or related), Biology, Biophysics, Chemistry, Psychology, Biomedical Engineering, Public health, or healthcare administration).

- **Youth & Workforce Development Professionals:** Shape the future by igniting a passion for STEM in the next generation.
- **STEM Professionals:** Give back to your community and inspire future generations to join your field.
- **Mentorship Mindset:** Be ready to inspire and guide middle schoolers on their STEM journey.
- **Reliable & Committed:** Maintain dependable attendance and a positive attitude.

Benefits:

- Gain valuable experience in youth development and STEM education.
- Develop transferable skills in leadership, communication, and project management.
- Contribute to closing the STEM exposure gap and empowering underrepresented in STEM youth.
- Join a passionate and supportive team.
- Make a real difference in your community.

Selection Process & Timeline:

- Please complete this [Pre-Screening interest form](#) and or contact Scott Tillman-Franklin.

Join us in making a difference in the lives of underrepresented youth by inspiring them to pursue their passions in STEM and empowering them to become the next generation of diverse STEM leaders!

Don't miss this chance to make a lasting impact!

STEAM & Dream Liberation Labs contact: Info@STEAMdreamlabs.org