



Virtual STEM LAB Teacher

Role and Responsibilities

The Virtual STEM Teachers bring STEM to life for girls using methods that engage and excite them. STEM Teachers provide leadership, mentorship and instructional coaching for students from varying grade levels. Although curriculum is provided, STEM Teachers are expected to bring the curriculum to life by adding their own unique backgrounds and resources to inspire their students to take risks, see their failure as key for innovation, develop growth mindset and grit, and encourage exploration and discovery through the sciences. Additionally, STEM Teachers will mentor and work with college STEM Fellow Volunteers to inspire the next generation of STEM educators and professionals through their example. Teachers will work and collaborate with Project Scientist staff, interact with students, Fellow Volunteers and STEM Superstars and are representatives of Project Scientist in the communities they serve.

STEM Teachers are the heart of our organization and are key in making the vision of Project Scientist a reality by maintaining a creative and fun STEM-orientated environment that powers young girls to develop a deep love of learning and confidence in STEM.

All offers are conditional on passing background checks and Live Scan results.

STEM Teacher Responsibilities include:

Pre-Virtual STEM Lab:

- Become Familiar with Project Scientist Curriculum & Classroom Engagement Strategies
- Participate in Virtual Staff Orientation
 - Meet the Site Director and Assistant Site Director to understand how their roles will support your execution
 - Become aware of our Virtual Classroom Safety and Security Procedures to keep our Virtual Classrooms safe and secure for our staff, students and families.
 - Work with the other STEM Teacher in your grade level to collaborate and discuss specific training sessions for your grade level

- Participate in SciGirls training and classroom culture and engagement strategies breakout sessions. Become familiar with ways to increase engagement in a virtual learning environment.

Execute with Excellence

During Lab (June 21st to July 30th):

- Deliver Virtual STEM classroom instruction to specific age groups aligned with your expertise during Hands on Experiment / Math Moments daily at **10:00 AM - 12:00 PM**.
- Lesson and Classroom Preparation:
 - Teachers will have 2-3 hours a week to prepare prior to the start of each Virtual STEM Lab to be experts on the lessons they will teach, supply needs and preparation, so they are making the most impact possible on students' stem learning.
 - STEM Teachers must have classroom and curriculum ready and prepared for students no later than 10:00 AM five days per week
 - STEM Kits will be mailed to you two weeks prior to the start of the week. Each kit will align to the weekly theme and will include 5 hands-on experiments, an engineering challenge and other resources for you to choose at your discretion.
 - Project Scientist Lesson plans for each week will be shared via Slack for you to use as a starting point for the following week classes.
 - You will review and become familiar with materials provided in the STEM Kits and the Project Scientist lesson plan and mold it with your own expertise and outline how to deliver it to your class.
 - Include curriculum for Math Moments & Journaling to be used during hands on sessions
- Classroom Management: Manage with precision
 - Use classroom management strategies to keep your virtual classroom in order and students engaged in STEM learning.
 - Collaborate with other instructors to strengthen group management and teaching techniques.
 - Develop Growth Mindset with Unique Tools and Strategies. Use SciGirls and gender neutral teaching strategies as often as possible. We will provide a curriculum as a resource for developing your strategy.
- Collaboration and Mentorship:
 - Serve as mentor and leader for STEM Fellow Volunteers in your classroom.

- Collaborate with your classroom STEM Fellow Volunteer prior to the start of each week to delegate and mentor classroom assignments.
- Share feedback with the Site Director in order to ensure their development.
- Use Site Directors and Operations Managers as resources for collaboration.
- Motivate and Inspire:
 - Understand and show students the importance of STEM Superstars, Virtual Expeditions by incorporating key talking points during classroom time. Review weekly staff newsletter and coordinate with the Site leadership to know STEM Companies, Superstars and Expeditions that are presenting for the week.
 - Provide leadership and guidance to your class in preparing for the Friday Student Celebrations.
 - Use the classroom celebration template to prepare their classroom for Friday Student Celebrations, to help students take pride in presenting their work to their class.
- Safety First.
 - Build and maintain a safe and inclusive environment where all students and staff can thrive.
 - Agility is Key. Be quick on your toes to switch things up as needed. Working with children requires constant kinetic energy and a positive growth mindset. From technical mishaps to curriculum and supply adjustments you'll need to roll with the changes that come from day-to-day virtual STEM Lab management. There are times we may have to work over the scheduled hours to get things done to make sure the week runs smoothly and parents' concerns are answered in a timely manner.

Qualifications:

- Minimum of 12 ECE units and teaching degree or educational certification.
- Experience working with K-8th grade children.
- STEM education experience is a plus.
- Demonstrated leadership experience; demonstrating integrity, sound judgment, self-confidence, maturity and a sense of perspective.
- Thrive in groups built on communication and collaboration and encouraging young girls to do the same.
- Excellent at coaching and motivating groups centered around a common goal. • Ability to think on your feet and problem solve while taking initiative with students, parents, and teachers.

- Inspiring, energetic, organized, detail-oriented, communicative, fun-loving, and a good problem-solver.
- Approach each day with enthusiasm, positivity, critical thinking, collaboration and FUN
- View failure as a key to innovation and push students and teachers to work through it
- A willingness to go above and beyond every day in the best interests of students and the organization
- Passionate and hungry for fulfilling our mission of changing the world's view on who a scientist is and what a scientist does

Rewards of Becoming a Project Scientist STEM Teacher:

- Lasting Positive Impact on Kids, Staff, Families, and Communities.
- STEM Teachers develop meaningful, multi-year relationships with staff members, campers and families, and inspire the spark of camp: get girls enthused about STEM, and teach them how to be a friend and have a friend, have fun, and build confidence.
- Experience: Not only will you be working for a premier camp organization; but you will have daily interactions with other STEM professionals nationally as well as to build your network and social capital.
- Leadership Training & Professional Development: All STEM Teachers receive great training including gender neutral STEM teaching strategies, classroom management, and more. Additionally, the curriculum used in Project Scientist can be used in your classrooms for years to come.
- Opportunity: As Project Scientist grows, we are always looking for successful staff members to promote from within for future leadership opportunities.
- Financial Reward: Shared upon request

Locations / Time Commitment:

Please note which cohort(s) and grade level(s) you are interested in teaching. There is an option to work at one or multiple Cohorts across the nation, East Coast, Midwest and West Coast Cohorts. There are 6 weeks of Summer Lab. Virtual Lab begins on June 21 and continues until July 30, 2021. Training will take place the week prior.

To apply for the Virtual STEM Lab Assistant Director role, please email your résumé to hire@projectscientist.org.

Applications will be accepted on a rolling basis through May 29th. Qualified candidates will move forward with a phone/Zoom interview with Project Scientist Program Leadership. Hiring will be completed by June 5th.

Any employment is contingent on the successful completion of a background check.

Project Scientist is an Equal Opportunity Employer and affords equal employment opportunities to employees and applicants without regard to race, color, religion, sex, national origin, age, disability or genetic information. If you will need reasonable accommodations for the interview process, or have any issues with the application, contact us at hiring@projectscientist.org.