

# Virtual STEM Club 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 weekly with families and community members, 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.

## **Execute with Excellence**

### **Pre-STEM Club**

- Participate in Virtual Staff Orientation
  - Meet the Site Leadership to understand how their roles will support your execution
- Complete required training prior to start of classroom teaching
  - Virtual Policy and Procedure (Zoom Security and Safety & connectivity guidelines)
  - Mandated reporter & Cyberbullying Training
  - Background Check \*all offers are conditional on passing background checks.
  - Employment Waiver and Agreement
- Build Rapport
  - Participate as needed in virtual parent orientation where you will meet and introduce yourself to the families.
- STEM Teacher Weekly Preparation 30-60 minutes
  - Become Familiar with Project Scientist Curriculum.
  - You will review weekly lesson plans provided by Project Scientist and materials in the STEM Kits delivered to you.
    - Mold it with your own expertise and begin planning on how to deliver it to your Virtual Lab students.

- Include curriculum for Math Moments to be used during Hands on Experiment sessions
- Include Social Emotional interactions and activities

**During STEM Club Part Time paid 70 - 90 minutes a week**

- Deliver Virtual STEM classroom instruction specific age groups aligned with your expertise weekly for 65 minutes per defined STEM Club schedule.
  - Provide Hands on Experiment, Math Moments and Social and Emotional Learning.
  - Teachers will review the STEM Club lesson plans, kits and prepare what they will teach so they are making the most impact possible on students' stem learning.
  - Teachers must have lesson plans based on the curriculum ready and prepared for students no later than STEM Club start time for your assigned Cohort and class time.
- Manage with precision.
  - Keep your virtual classroom in order to keep students engaged in STEM learning.
  - Work with other instructors to strengthen group management and teaching techniques.
  - Develop Growth Mindset with Unique Tools and Strategies.
  - Use SciGirls Strategies and gender neutral teaching strategies dur classroom and student interactions. We will provide a curriculum as a resource for developing your strategy.
- Collaboration and Mentorship.
  - Delegate and mentor STEM Fellows assignments and responsibilities needed for your classroom.
  - Serve as mentor and leader for college STEM Fellow Interns in your classroom. Share feedback with the Site and Project Scientist Leadership in order to ensure their development.
  - Use Site Leadership and Operations Managers as resources for collaboration.
- Motivate and Inspire.
  - Understand and show to students the importance of STEM and growth mindset.
  - Teachers will be required to create a monthly classroom celebrations, to help students take pride in presenting their work to their class and share later with their families
- 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.
  - Work with the site leadership to ensure you and your classroom are following the Zoom and internet connectivity processes and procedures. You'll need to roll with

the changes that come from a virtual learning environment and know the processes to support to ensure a secure and fun learning environment.

- Follow up and communicate to the site leadership on any student technology or behavior incidents that occur during the class time.

### **Qualifications**

- Minimum of 12 ECE units, teaching degree or educational certification in process.
- 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:
  - Weekly interaction with STEM teachers and staff
  - 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.
  - Experience with Virtual Learning environments and best practices
- 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 and Time Commitment**

- There is an option to work at multiple Cohorts Please note if you would be interested in this option.

### **STEM Club Cohorts**

- East Coast Region (EST Time Zone)
- Midwest Region (CST Time Zone)
- West Coast Region (PST Time Zone)

### **Example Weekly Schedule**

- Pre STEM Club Prep (30-60 minutes a week)
- Weekly STEM Club (60-90 minutes)
  - 3:30 PM or 4:00 PM STEM Club Welcome (participate in welcome creating an open and engaging environment)
  - 3:50 PM or 4:20 PM Classroom Support
  - 4:55 PM or 5:25 PM Classroom Wrap up
  - 5:00 PM or 5:30 PM STEM Club Wrap up

To apply for the STEM Teacher role, please email your résumé to [hiring@projectscientist.org](mailto: hiring@projectscientist.org). Applications will be reviewed and qualified candidates will move forward with a phone or in-person interview.

Hiring will be completed based on the program dates

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](mailto: hiring@projectscientist.org).