



Virtual STEM Teacher Role and Responsibilities

Project Scientist is looking for AMAZING teachers who believe in our Mission to expose a diverse population of young girls to a high-quality STEM curriculum that inspires confidence in their pursuit of learning throughout the year.

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 empowers young girls to develop a deep love of learning and confidence in STEM.

We are accepting applications for our Virtual Fall Club beginning October 6 and concluding on December 1.

STEM Teacher Responsibilities include:

Pre-Virtual STEM Club:

- 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.
 - 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:

- Deliver Virtual STEM classroom instruction to specific age groups aligned with your expertise during Hands on Experiment / Math Moments and Classroom Preparation:

- STEM Kits will be mailed to you prior to the start of the program. Your kit will align to the theme and will include 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 a Positive 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 Project Scientist Program Staff 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 monthly staff newsletter and coordinate with the Site Leadership to know STEM Companies, Superstars and Expeditions that are presenting for the month.
 - Provide leadership and guidance to your class in preparing for the end of Club Student Celebrations.
 - Use the classroom celebration template to prepare their classroom for Club 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 Club 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 and West Coast Cohorts. There are 8 Wednesdays of Virtual Club that begin on October 6 and continues until December 1, 2021. We will be closed on November 24.

To apply for the Virtual STEM Club Teacher role, please email your résumé to Noeleen@projectscientist.org.

Applications will be accepted on a rolling basis through September 20th. Qualified candidates will move forward with a phone/Zoom interview with Project Scientist Program Leadership. 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 Noeleen@projectscientist.org.