



## Environmental Educator

New York, NY, US

Job posted by [Solar One](#) on January 24, 2017

Solar One, a nonprofit leader in New York City on the cutting edge of sustainability programming, is seeking a full time environmental educator to deliver in-school programming for students, and professional development training for teachers as part of our K-12 program- The Green Design Lab.

Green Design Lab (GDL), developed by Solar One in 2010 in partnership with the New York City Department of Education (NYC DOE), utilizes the school building as both a laboratory for learning and a tool for environmental change. GDL was created with two objectives in mind: increasing environmental literacy and promoting sustainable behaviors. The GDL Curriculum covers 5 units- Energy, Air Quality, Water, Food, and Materials. The lessons and activities are hands-on and project based. Our Sustainable Schools Network (SSN), an alternative delivery model that we developed in 2013, helps us reach more schools and offers a range of program services for teachers to continue using our curriculum over the long-term, including access to our curricula, technical support, professional development trainings, video tutorials, and much more. Over the past five years, our program has impacted more than 15,000 students, 1,000 teachers and 400 schools.

### Responsibilities

The environmental educator will deliver in-class STEM programs in elementary, middle, and high schools and professional development training for teachers in NYC and beyond, with responsibilities including but not limited to:

- Deliver high quality and rigorous in-class STEM programs to NYC school students during the school year. Typical programs take place once per week, over the course of 3-6 weeks, reaching 3-4 classes each day. Educators are responsible for lesson materials prep and delivery.
- Deliver a 5 week intensive high school summer school program focused on green careers from July through mid-August
- Deliver professional development training to teachers focused on exploring climate change, electricity generation, and solar power for K-12 Educators across NYC and NYS. Some professional development workshops will also address Solar One's Water, Food, and Materials curriculum.
- Collaborate with the education team on program and curriculum design.
- Track and record activities delivered to schools and teachers.

### Qualifications

- Requires at least a Bachelor's degree and 3-4 years of K-12 education experience working directly with students.
- Experience teaching science at a middle school or high school level.

- Knowledge and capacity to teach about water quality, electricity, climate change, and renewable energy
- Requires 2-3 years of experience leading professional development training for teachers and working with them on lesson planning and standards alignment.
- Familiarity with physics and other high school sciences is a plus.
- Experience working with English Language Learners and students with different abilities is a plus
- Strong project management, organization, and planning skills, including the ability to multi-task under tight deadlines.
- Ability to be self-directed, as well as work collaboratively.

37 West 26th Street  
Suite 209  
New York, NY, US 10010

**Employment type:** Full Time

**Professional level:** Professional

**Job functions:** Green Careers, Education, Science, Stem Careers, STEM, Environment, Sustainability , Conservation, solar, K-12, , ,

**Education:** 4-year degree

Solar One



**SOLARone**

GREEN ENERGY, ARTS  
& EDUCATION CENTER

**Areas of focus:**

Energy conservation, Environment, Arts, Education, Job and workplace