

# 2021 Complete Professional Development

Project ReCharge is a hands-on and project-based STEAM (Science, Technology, Engineering, Art and Mathematics) curriculum and training program that engages students, teachers and community professionals. This interactive energy education program provides valuable professional development and classroom resources to you, the teachers, who then empower students to become energy detectives focused on saving their school money through energy efficiency proposals. Innovative lessons, sustainability, energy data and interactive dashboards engage students and teachers as they learn about energy generation, consumption and efficiency. Project ReCharge focuses on real world learning and application that has measurable impact on students, the environment and the community at large.



## Participation requirements

### CURRICULUM

- Implementing the Project ReCharge Curriculum (5-22 lessons) during the **2021/2022 academic year**.
- Provide a minimum of 5 lesson feedback forms-submitted electronically via teacher website/portal.

### PROFESSIONAL DEVELOPMENT (45 hours)

- Intensive 3 day (21 hr.) summer training virtually: **June 10th - 12th** or in-person (Reno, NV): **July 26th - 28th**.
- Attend 20-25 hrs. of follow up sessions throughout 2021/2022 school year.
- Informal follow-up PD meeting between teachers and/or Project ReCharge staff. These meetings will allow staff and teachers to discuss the curriculum and areas for improvement specific to their school (2 hours).



### EVALUATION



- Administering student pre/post assessments by set due dates – available online.
- Complete teacher pre and post assessments by sets due dates – available online.
- Participate in focus group at the end of the 2021/2022 school year. Conducted during the last monthly session.

### ADDITIONAL REQUIREMENTS

- Maintain regular communication with Project ReCharge team via preferred method of contact.
- Invite a minimum of 2 STEAM guest speakers into your classroom or virtually to speak to students on career opportunities in STEAM and sustainability.
  - A list and contact information of dozens of STEAM professionals will be provided to Project ReCharge teachers.

**Submit by beginning of May 2022, 2-5 student proposals focused on energy efficiency and sustainability.**  
**- Top proposals will be showcased at the End of Year Event -**

# Compensation and Benefits of Participation

## COMPENSATION

**\$1,000 stipend or equivalent PD hours** will be issued to Project ReCharge trained teachers in NV at the completion of the 45 hours of professional development. We are currently working on funding for teachers outside of NV. Nevertheless, materials, curriculum and professional development are still FREE of charge!

## CURRICULUM

Access to standard-aligned STEAM curriculum, including all **22+ lessons**, activities and handouts. Each teacher gets a printed binder and login credentials for the Project ReCharge teacher website/portal.



## CLASSROOM MATERIALS

Classroom materials and supplies necessary for implementing Project ReCharge lessons **Valued at almost \$2000 per teacher!**



## NETWORKING

Join a growing **community of STEAM educators**. Access to STEAM guest speaker list, an evolving resource of local professionals that will come and speak to your class on their STEAM career. Project ReCharge teachers also receive priority access and notifications about Envirolution's other unique STEAM programs (Career Quest, Sustainability Expedition and Introduce a Girl to Engineering Day).

## RECOGNITION

Student and teacher recognition at the End of Year Event – Attended by parents, district admin and community partners. Prizes and awards given to both teachers and students.

## SUSTAINABLE PROGRAM SUPPORT

On going support from Envirolution, including classroom assistance, restock of materials and professional development opportunities.

## PROFESSIONAL DEVELOPMENT

Free professional development for Project ReCharge's sustainability and energy efficiency curriculum.



Scan this QR code if you are interested in signing up to become part of the Project ReCharge Program!  
or email Laura at [laura.scarselli@envirolution.org](mailto:laura.scarselli@envirolution.org)

