

2022 Complete Professional Learning

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 learning 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 sustainability, 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 2022/2023 academic year.
- Provide a minimum of 5 lesson feedback forms-submitted electronically via teacher website/portal.

PROFESSIONAL LEARNING (45 hours)

- Intensive 3 day (21 hr.) summer training virtually: June 27th -29th **or** in-person (Reno, NV): July 25th - 27th.
- Attend 20-25 hrs. in sessions of follow up PL throughout the 2022/2023 school year.
- Informal meetings between teachers and/or Project ReCharge staff as needed



EVALUATION



- Administering student pre/post assessments by set due dates – available online.
- Complete teacher pre/post assessments by set due dates - available online.
- Participate in focus group at the end of the 2022/2023 school year.
Conducted during the last monthly session.

ADDITIONAL REQUIREMENTS

- Maintain regular communication with Project ReCharge.
- 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 in May 2023, 2-5 student projects focused on energy efficiency and sustainability.
- Top projects will be showcased at the End of Year Event -

Compensation and Benefits of Participation

COMPENSATION

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

CURRICULUM



Access to standard-aligned STEAM curriculum, including all **20+ 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 \$2,000 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 administration 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, updated and new curriculum and professional learning opportunities.

PROFESSIONAL LEARNING

Free professional learning 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

