



ENERGY EDUCATION WORKSHOPS

IN-CLASS TEACHING PARTNERS

NHSaves is offering free New Hampshire Energy Education Project (NHEEP) workshops to all schools, K-12, in the NHSaves service area. A NHEEP educator will work with each teacher to embed a workshop aligned to the Next Generation Science Standards (NGSS) into their curriculum.

HERE'S HOW IT CAN WORK

- 1** Before the workshop, teachers connect by phone or email with a NHEEP educator to tweak lesson plans and worksheets to suit their students.

SIGN UP AT NHEEP.ORG

- 2** Then the educator will arrive with all materials and equipment to collaboratively run the workshop. Educators can also help with additional equipment needs and suggestions for other lessons, as well as curriculum ideas for a unit of study.

GRADE RANGE: K-12 teachers

TIME COMMITMENT: 30 minutes of collaborative prep
90-120 minutes in class

WORKSHOPS OFFERED

CONSERVATION KIDS

Students gain an understanding of what energy is and how it powers our daily lives. They will explore hands-on stations that demonstrate conservation and leave with simple strategies to save energy at home and school.

Grades K-3

ELECTRICITY & THE ENVIRONMENT

Students learn about electricity and how it powers our world. They will explore hands-on stations that let them learn more about electrical generation and efficiency.

Grades 4-10

HOME HEAT TRANSFER

Students explore how they can use less energy to heat their home while still keeping it at a comfortable temperature. This workshop demonstrates the concepts of thermal energy transfer and familiarizes students with different insulation materials, including the materials' roles in heat transfer and slowing heat loss.

Grades 6-12

GREEN ENERGY CAREERS

Students investigate home electricity use and create connections between electrical usage, electrical generation and carbon dioxide emissions. They'll do a hands-on analysis of the benefits available from efficiency improvements and how those can relate to job skills and career opportunities.

Grades 10-12



“This was one of the best content engagement days I have experienced in my 23 years as a teacher.”

— Haverhill, NH teacher after a NHEEP student workshop

“This workshop was so great that it inspired me to commit to making energy/sustainability and renewable energy a focus for the year.”

— Second-grade teacher after a NHEEP student workshop



TEACHER PROFESSIONAL DEVELOPMENT WORKSHOPS

NHSaves offers NHEEP's **NGSS Instructional Toolkit Workshops** to any teachers in the NHSaves service area. These full-day teacher PD workshops help teachers bring energy efficiency and hands-on energy learning into their classroom. The workshops feature guided discovery, hands-on inquiry explorations, deep dives into disciplinary science core ideas and best teaching practices to support the Next Generation Science Standards. They'll leave knowing how to use NGSS aligned materials and curricula, including NHEEP curriculum support kits, to support their specific grade-level needs.

GRADE RANGE: K-12 teachers

TIME COMMITMENT: 1 day

**SEE ALL TRAINING DATES OR
REQUEST A NEW DATE AT NHEEP.ORG**

"This was wonderful! There were so many ideas and resources that I can take back to the classroom. I plan to utilize the kits and backwards design lessons. I loved that this was hands-on learning with so many takeaways. I was so engaged the entire time!"

— Teacher after a custom PD workshop

COMING FALL 2019 MORE WAYS TO ENGAGE YOUR STUDENTS & SCHOOL COMMUNITY



ENERGY WRITING CONTEST

Elevate student voice and give students an authentic audience for their work through the NHSaves' K-12 student writing contest on energy conservation and efficiency. Writing prompts and rubrics are aligned with Common Core and NGSS standards. Winning entries will be selected monthly and published through various media outlets, and prizes will be sent to the student authors.



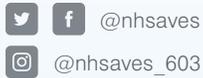
SCHOOL LED FUNDRAISER

Raise money for your school while helping students and their families save money at home by using more energy-efficient products. NHSaves' LED fundraiser starts with a school-wide assembly by a NHEEP educator on energy efficiency. Students then sell energy-efficient products to raise money for the school.

CONTACT NHEEP AT INFO@NHEEP.ORG FOR ALL THE DETAILS



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Powered by:



ABOUT THE NEW HAMPSHIRE ENERGY EDUCATION PROJECT

NHEEP's mission is to build a deep understanding of energy through education, encouraging choices that result in sustainability in our communities, economy and environment.

NHEEP is a new organization supporting energy education in New Hampshire since 2016, but its parent organization, the Vermont Energy Education Program, has been doing this work in Vermont since 1979.



NHSaves is powered by Eversource, New Hampshire Electric Co-op, Liberty Utilities and Unitil to help keep New Hampshire's residents, businesses and towns economically successful, now and in the future.

NHSaves has great information, incentives and resources to help you save time, money and energy as part of your daily routine and business practices.

nhsaves.com