



2021 VIRTUAL MASSACHUSETTS ENERGY WORKSHOP

MARK YOUR CALENDARS AND REGISTER TODAY!

DATES

Please register at least one week prior to workshop so we can send materials. Click on the date to register for your no cost workshop

> [Wednesday, March 3, 2021](#)

> [Saturday, March 20, 2021](#)

> [Saturday, April 10, 2021](#)



WHAT DO YOU RECEIVE FOR YOUR PARTICIPATION?

- NEED Science of Energy Kit
- Choice of a NEED Energy Management Kit
- Substitute reimbursement provided
- PDP credits
- Massachusetts aligned curriculum.

WHO SHOULD ATTEND?

- K-12th Grade Teachers
- CTE Teachers
- Afterschool program leaders

WHO IS THE NEED PROJECT?

The NEED Project designs and delivers teacher-tested educational materials, evaluation techniques and tools, recognition of student achievement, and professional development for educators. NEED materials and training programs provide comprehensive, objective information about the scientific concepts of energy and the sources of energy – their use and their impact on the environment, the economy and society.

QUESTIONS?

Contact Wendi Moss at wmoss@need.org or call 1-800-875-5029

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Mass Save® Energy Workshops for Educators – Virtually! Agenda

Pre-Workshop Independent Work: Home Energy Audit

Using the Kilowatt meter provided teachers will audit 5 appliances in their home and populate data on a shareable google document. Data populated into google documents.

8:50 a.m.	Login, Technology Check, and Pre-Assessment
9:00 a.m.	Welcome and Introductions Meet your fellow participants and the sponsors of today's workshop. Review goals and objectives for the workshop and begin planning ways to use the NEED materials and training in your school. Review Zoom details and meet fellow participants in Break-Out Sessions. Check out pre-workshop project – Home Energy Audit Data.
9:30 a.m.	The Science of Energy Learn more about the forms of energy while experimenting with the NEED Project's Science of Energy kit. Kits will be made available to participating teachers.
9:45 a.m.	Science of Energy Break-Out Sessions
10:30 a.m.	Quick Break
10:40 a.m.	Massachusetts Electric and Energy Connections After learning about the forms of energy, discover how the different energy sources contribute to the generation of electricity in Massachusetts. Check out the Massachusetts numbers for all energy use too.
11:00 a.m.	Introduction to Energy Efficiency and Conservation How do you use energy in your daily life at school? Learn how energy is consumed and easy steps you and your students can take to reduce energy use at home and at school. Introduce Energy House Challenge.
11:30 a.m.	Lunch
12:00 p.m.	Integrating Energy Efficiency and Conservation in Language Arts Using a series of prompts from <i>Energy Games and Icebreakers</i> participants put on virtual skits.
12:30 p.m.	Break and gather props
12:40 p.m.	Presentations!
1:20 p.m.	Insulation Investigation, Air infiltration and Energy Audit Tools Learn about thermal insulators, air infiltration in doors and windows and an introduction to the tools provided in the NEED Efficiency and Conservation kits to explore energy use at home and at school.
2:20 p.m.	Teaching Energy Today Hints, Tips and Tools for teaching energy in today's classroom (virtually or together).
2:40 p.m.	Q&A, Post Assessment and Evaluations Evaluations and post assessment!
3:30 p.m.	Adjourn

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