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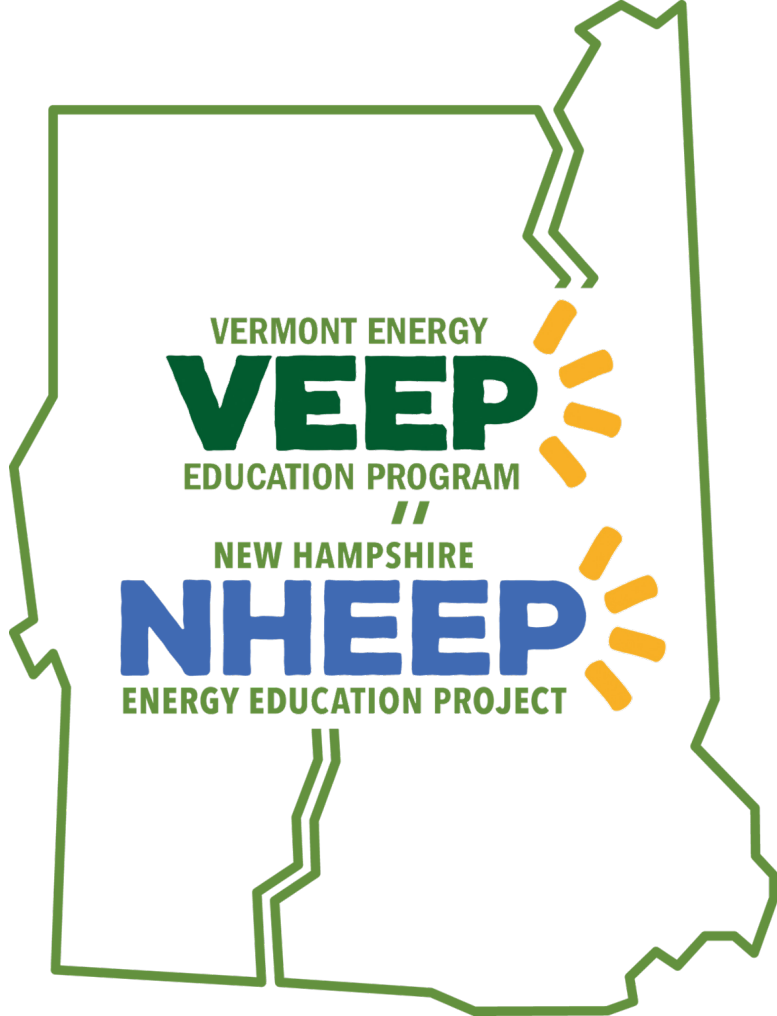
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# VEEP Final Presentation

— By Tyler Cataldo —

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## What is VEEP?

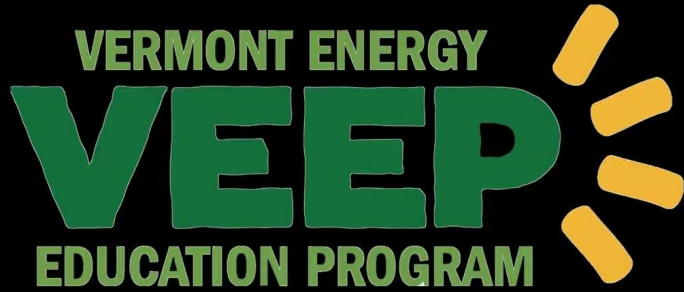
VEEP is the Vermont Energy Education Program. Their mission is to promote sustainability in communities, economy and environment through education and understanding of energy.

# Introduction to VEEP

They offer K-12 programs in Vermont and New Hampshire that guide students in learning about **energy efficiency, conservation, renewable energy technologies** and **climate change**. They encourage students to take action and make a difference, especially in their YCLA program.



# Project #1: YCLA



I made a series of videos showcasing The Youth Climate Leaders Academy, which is a program designed for youth in grades 9-12 who want to make a difference on climate change. The program involves building a team of 2 or more like-minded individuals to address a climate issue in their school, community, or state.

# Youth Climate Leaders Academy

The team then attends a two-day kick-off retreat to workshop their initial project ideas with the support of peers, professional consultants, and project advisors. The program also includes skills workshops to help participants learn and grow their professional skills to make their project planning and implementation more successful.



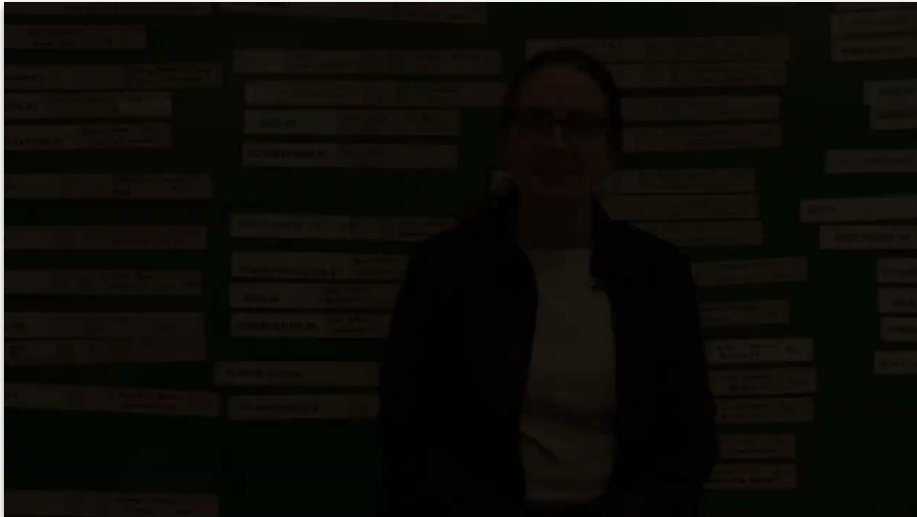
**Climate Change**  
with **Mariah Keagy**

# Inclusivity at YCLA

**Inclusivity at the YCLA**  
**with Mariah Keagy**

YCLA is for everyone and very inclusive to people of all backgrounds. Mariah Keagy tells us more.

# Project #2 - Kits and In classroom education



VEEP uses a hands-on approach to education by providing students with scientific materials and engineering equipment divided by kits intended to teach different climate lessons, enabling them to test their assumptions and make claims from evidence.

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# Sun Fun Kit

In this video, VEEP Educator Aaron Heyerdahl shows us the solar fundamentals kit, which educates students about solar power using lights and shadows to simulate the sun.





# Modeling Climate Change Kit










I traveled to Shelburne Community School to film Aaron's demonstration of a kit that illustrates the effects of climate change.

# Project #3

# More Kits!

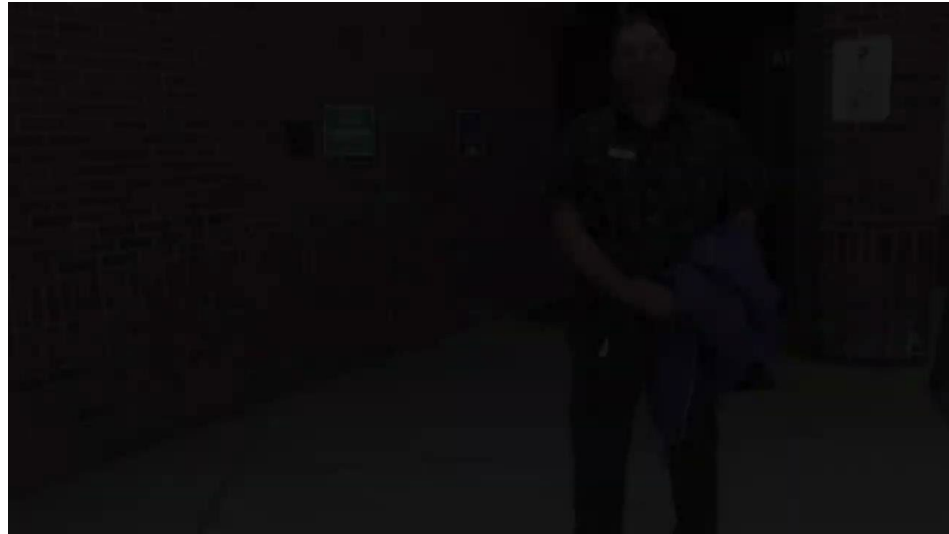
## KITS, CURRICULA, & RESOURCES

TITLE	GRADE BAND	DRIVING QUESTION / TOPIC AREA	CATEGORY
 CLIMATE CHANGE: UNDERSTANDING & ENGAGEMENT	6-8	What are the human impacts on the environment/Earth systems? How can I minimize my impacts?	Climate Change
 CONSERVATION KIDS	K-3	What is energy and how do we use it on a daily basis?	Conservation
 ELECTRICITY & CLIMATE CHANGE MACROSTORYLINE	6-8, 9-12	How are humans impacting the climate by turning on this lamp? What can we do about it?	Electricity
 ELECTRICITY & THE ENVIRONMENT	4-5, 6-8	How is energy transferred? How does the way we generate and use electricity impact our environment?	Electricity
 GREEN ENERGY CAREERS: EFFICIENCY	9-12	What field are you interested in working in? What is meant by Green or Clean energy jobs?	Careers
 GREEN ENERGY CAREERS: RENEWABLES	9-12	What field are you interested in working in? What is meant by Green or Clean energy jobs?	Careers
 GREENING TRANSPORTATION STORYLINE	6-8, 9-12	How/why does human transportation impact earth's climate? How can we re-engineer local transportation to reduce our impact?	Transportation

# Solar Voltaic Kit

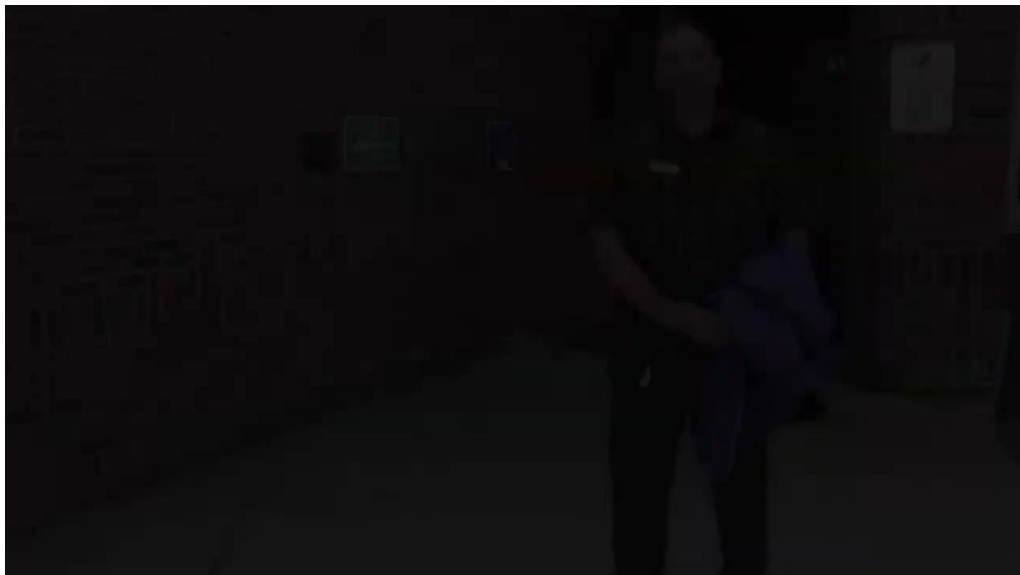
In Springfield, VT, VEEP educator Julian Leon illustrates how the Solar Voltaic kit works. The kit is geared towards grades 4-5 and focuses on how solar panels can be used to create electricity.

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# Wind Fundamentals Kit

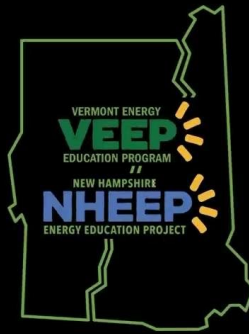
Veep educator, Julian Leon, explains to us the Wind Fundamentals kit. The kit introduces students to wind power using windmills, a box fan, and wind-powered boats.



# Hydroelectric Kit


In VEEP's Montpelier office, Erin Malloy provides a detailed walkthrough of the hydroelectric kit. Erin is a kit manager at VEEP and previously an educator.

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# Thank you, VEEP!



 VEEP Videos

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Location: H:¥

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Size on disk: 35.3 GB (37,910,609,920 bytes)

Contains: 706 Files, 58 Folders

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