

NEW YORK CLIMATE DETECTIVES WORKSHOP

MARK YOUR CALENDARS AND REGISTER TODAY!

DATE AND LOCATION

October 30, 2017
Cattaraugus-Allegany BOCES
Training Room C
1825 Windfall Road
Olean, NY 14760

WHO SHOULD ATTEND?

- 5th - 12th Grade Science Teachers
- CTE Teachers
- Math Teachers
- To be eligible, your school must be located in National Fuel's service territory.

HOW CAN YOU ATTEND?

Go to:

http://www.need.org/calendar_list.asp

and find the date of the workshop. Click and complete your registration!

QUESTIONS?

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

WHAT DO YOU RECEIVE:

- It's **FREE**
- Breakfast and lunch provided
- Stipend
- Parking
- NEED classroom kit provided
- New York state aligned curriculum.

WHO IS THE NEED PROJECT

The NEED Project includes teacher-tested educational materials, evaluation techniques and tools, recognition of student achievement, and professional development for educators.

WHO IS THE SPONSOR



National Fuel[®]

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- 8:00 a.m. Registration**
Pick up NEED materials and conference supplies. Continental breakfast will be served.
- 8:30 a.m. Welcoming Program and Attendee Interview**
Introduction to the program and welcome by National Fuel representatives. Meet your colleagues.
- 9:15 a.m. Climate Change Jigsaw**
After a short presentation, break into groups to read about and then teach about climate change.
- 10:15 a.m. Properties of CO₂**
Working with dry ice we explore the properties of this gas.
- 10:45 a.m. Greenhouse in a Beaker**
A hands-on activity that demonstrates how CO₂ traps heat.
- 11:15 a.m. Carbon Cycle Simulation**
After an intro presentation, you become a carbon atom and cycle through earth's reservoirs.
- 12:00 p.m. Lunch**
Enjoy lunch while discussing the NEED network and the educational materials available.
- 12:45 p.m. Climate Change Mitigation**
A presentation introduces the wedge concept and ways we can reduce society's carbon footprint.
- 1:15 p.m. The Wedge Challenge / Carbon in My Life**
- 2:30 p.m. Energy Efficiency Measures**
Learn about items included in the home energy conservation kit Interested teachers will be provided with a class-set of 30 home energy efficiency kits for students to take home, install with their families, and start saving energy.
- 2:45 p.m. Closing Program**
- 3:00 p.m. Adjourn**



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