



February 1, 2010

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To: Wyoming Educators

From: Randy Teeuwen, EnCana; Brook Gerke, Wyoming Ag in the Classroom
Mary Spruill, The NEED Project

Re: Wyoming Energy Resources Workshop - **May 10-11, 2010**

EnCana, Wyoming Ag in the Classroom and NEED have partnered to provide teachers in Wyoming communities with energy curriculum and training opportunities, and are pleased to announce the upcoming two-day energy workshop to be held in **Riverton at Fremont County BOCES** at 320 West Main, 3rd Floor Riverton, WY 82501 on **May 10-11, 2010**.

This workshop presents a unique opportunity for classroom teachers (K-12) to learn about energy in a fun and exciting way! The workshops are designed to teach the science of energy and energy transformations and to teach about Wyoming's energy resources and the importance of energy efficiency and conservation. This special TWO DAY workshop includes a trip to an EnCana drilling site with a tour of the drilling operations.

Participation in this workshop provides educators with **more than \$500 of curriculum and hands-on kits** that teach about energy resources and energy transformations through hands-on activities. Because energy is a cross-curricular subject, the workshops have been designed to provide educators teaching science, math, technology, social sciences, and language arts with an opportunity to team teach about energy. Schools should consider sending teams of educators to the workshop.

The NEED Project includes teacher-tested educational materials, evaluation techniques and tools, recognition of student achievement, and professional development for educators. All NEED learning activities are aligned to Wyoming education standards.

EnCana is a team of scientists, scholars, operators and managers. But they're also neighbors, moms, dads and other hard-working folks who care about Wyoming – and who work hard to produce the clean-burning natural gas that is in high demand throughout the state and the nation.

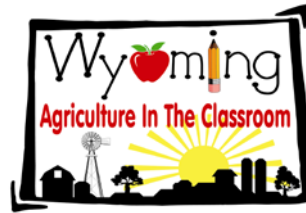
Thanks to EnCana and Wyoming Ag in the Classroom, there is **no cost** to attend the workshop. Breakfast and lunch will be provided. **Substitute reimbursement forms** will be available at the workshop and substitute costs will be reimbursed to school districts. If your district has a question, contact NEED at 1-800-875-5029. If you are traveling from outside the local area, lodging for 2 nights will be provided. Additional information will be sent to those indicating they need lodging.

How to register for the workshop:

To register for the workshop visit <https://www.regonline.com/need-riverton> to register online. To view additional events with NEED visit our calendar page at <http://www.need.org/calendar>.

Questions?

Contact us at 1-800-875-5029 or 1-800-847-1820, or by e-mail to Wendi Moss at wmos@need.org.



Agenda
Wyoming Energy Resources Workshop
May 10-11, 2010
Fremont County BOCES - Riverton

May 10, 2010

9:00 a.m.

Registration

Pick up curriculum materials and supplies and network during breakfast. NEED curriculum kits are sponsored for each teacher attending the workshop. Kits include Teachers Guides for teaching energy, Energy Infobooks (student readers) and more. Play Wyoming Energy Bingo!

9:30 a.m.

Welcoming Program – Welcome from EnCana

Meet your fellow participants. Review goals and objectives for the workshop and begin planning ways to use the NEED materials and training in your school.

10:00 a.m.

The Science of Energy

Learn more about the forms of energy and energy transformations while experimenting with the Science of Energy kit. EnCana provides a Science of Energy Kit (for appropriate grade level) to all participating teachers.

11:30 a.m.

The Great Energy Debate Game

After learning about the Science of Energy, participants will begin studying the sources of energy. What are they? Where do they come from? How do we use each of the 10 sources of energy? What are Wyoming's major energy sources and how do we develop them, use them, and conserve them?

12:30 p.m.

Lunch

1:30 p.m.

Fossil Fuels to Products

These lessons teach about the exploration, development and production of petroleum and natural gas resources. Learn more about natural gas and take home lesson plans and activities to teach about natural gas.

3:00 p.m.

Energy Efficiency and Conservation –at home and at school

Conserving natural resources and energy saves energy, electricity, and money. These lessons and activities teach about simple ways to reduce energy consumption at home and school while exploring the connection between energy efficiency and carbon cycles.

4:00 p.m.

Prep for Tour of EnCana drilling operations

May 11, 2010

8:00 a.m.

Breakfast and Tour Overview

8:30 a.m.

Depart for Tour of EnCana drilling operations

12:00 p.m.

Lunch on Tour/Bus

1:30 p.m.

Integrating Energy Into Your Classroom

Simple hints, tools and teacher networks that provide the support needed to make teaching about energy fun while meeting state and local education standards.

3:00 p.m.

Evaluation, Certificates for Credits, Adjourn