

LOUISIANA ENERGY WORKSHOP

MARK YOUR CALENDARS AND REGISTER TODAY!

DATE AND LOCATION

December 15, 2015
Holiday Inn Express & Suites
2806 West Highway 30
Gonzales, LA 70737



WHO SHOULD ATTEND?

- 4th – 12th Grade Science Teachers
- CTE Teachers
- Math Teachers
- Afterschool program leaders

FOR THE ATTENDEES:

- It's **FREE**
- Breakfast & lunch provided
- Substitute reimbursement
- Choice of a NEED Science of Energy Kit or a NEED Fossil Fuels to Products Kit
- Activities to support Louisiana standards

ABOUT 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.

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

ABOUT THE SPONSOR

SHELL

Shell Oil Company, including its consolidated companies and its share in equity companies, is one of America's leading oil and natural gas producers, natural gas marketers, gasoline marketers and petrochemical manufacturers. Shell, a leading oil and gas producer in the deepwater Gulf of Mexico, is a recognized pioneer in oil and gas exploration and production technology. Shell Oil Company is an affiliate of the Shell Group, a global group of energy and petrochemical companies, employing approximately 104,000 people and operating in more than 110 countries and territories.



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AGENDA

- 8:00 a.m. Registration & Continental Breakfast**
Pick up curriculum materials and supplies and network during breakfast. NEED curriculum packets are sponsored for each teacher attending the workshop. Packets include Teachers Guides for teaching energy, Energy Infobooks (student readers) and more.
- 8:30 a.m. Welcome and Today's Goals and Objectives**
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. Play Oil and Gas Bingo!
- 9:00 a.m. The Science of Energy**
Learn more about the forms of energy and energy transformations while exploring the stations of the Science of Energy kit. Shell's sponsorship provides teachers a choice of a Science of Energy Kit or a Fossil Fuels to Products Kit.
- 10:30 a.m. Energy Enigma**
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?
- 11:30 a.m. Exploring Fossil Fuels to Products**
These lessons and activities help students understand the exploration, production and use of the nation's oil and natural gas. Shell's sponsorship provides teachers a choice of a Science of Energy Kit or a Fossil Fuels to Products Kit.
- 12:00 p.m. Lunch**
- 12:45 p.m. Exploring Fossil Fuels to Products (con't) and The Science of Racing**
Students (and lots of adults) like things that go fast! Check out these lessons designed for Shell Racing and Motorsports. From Grand Prix to Nascar, there's a lot to learn about how fuels, power, and materials matter.
- 1:45 p.m. Peak Oil Activity**
This lessons helps students understand the exploration, production and use of the nation's oil and natural gas.
- 2:45 p.m. Understanding Energy Efficiency – The Energy Conservation Web**
This quick lesson allows participants to understand their home and school as a system and to better conserve energy resources.
- 3:15 p.m. Closing and Workshop Paperwork:
Substitute Reimbursement, Parking, and Materials**
Complete Evaluations and Order Forms, receive certificates for professional development.
- 3:30 p.m. Adjourn**

SPECIAL THANKS TO OUR SPONSOR

