



STATE DEPARTMENT OF EDUCATION

P.O. BOX 83720  
BOISE, IDAHO 83720-0027

TOM LUNA  
STATE SUPERINTENDENT  
PUBLIC INSTRUCTION

May 18, 2009           **MARK YOUR CALENDAR! REGISTER TODAY!**

To: Idaho Teachers  
***Please reproduce and share with Colleagues and Friends!***  
From: Scott Smith, State Department of Education  
Bill Cairns, Idaho National Lab & Skyline High School  
Re: Idaho Energy Workshop for Teachers – **August 3-6, 2009**

The State Department of Education and the Idaho National Laboratory are pleased to announce the upcoming Idaho Energy Workshop for Teachers. Classroom teachers (K-12) from across the state of Idaho will have a unique opportunity to receive training, information and hands-on activities to teach students about the topic of ENERGY. Participants in the workshop will receive information concerning the science of energy, wind, solar, nuclear, geothermal, fossil fuels, biomass, and energy conservation and consumption. The workshop will be held **August 3-6** at Skyline High School, **in Idaho Falls.**

Thanks to the generous contribution from the Idaho National Laboratory the workshop is **free to teachers on a first come, first served basis.** Breakfast, lunch, classroom materials and kits are provided. College credit for the workshop and follow up implementation will be available from Idaho State University at a reduced cost of \$50 per credit. Credits will be awarded based on attendance and active participation in the workshop and implementation and evaluation of materials and activities acquired from the workshop.

The goal of the Idaho Energy Workshop is to provide teachers with materials and information that they can implement into their classes to promote an energy conscious and educated society. Presentations from experts in the industry and university personnel will provide the depth and expertise to help all teachers understand the concepts, challenges, and possible solutions related to energy. Training materials and hands on activities created by the National Energy Education Development Project (NEED), JASON Project and National Energy Foundation (NEF) who are leading providers of energy education programs and materials, will be provided for participants. All activities are aligned to Idaho math and science standards. The program will use the inquiry based methodology to make teaching energy exciting and fun for your classroom. **Each teacher will select an appropriate level hands-on science kit** to use in the classroom.

**Register by July 1, 2009 Space is limited, so please fax the attached registration as soon as possible.** Confirmation will be sent after your registration is received. If you have questions or need further information about the Idaho Energy Workshop contact either Bill Cairns at [cairbill@d91.k12.id.us](mailto:cairbill@d91.k12.id.us) or Scott Smith at [SSmith@SDE.IDAHO.GOV](mailto:SSmith@SDE.IDAHO.GOV)  
This workshop is presented in partnership with the Idaho National Laboratory and the Idaho State Department of Education.





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**Idaho Energy Educators Workshop – Idaho Falls, Idaho  
Tentative Agenda**

Day One

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8:00 a.m.	Registration and breakfast
8:30 a.m.	Welcome and introductions and overview of workshop <ul style="list-style-type: none"><li>• Review Agenda</li><li>• Registration for credit</li><li>• Introduction of Sponsors &amp; Officials</li></ul>
9:00 a.m.	Keynote Speaker (Energy Use and Challenges)
10:00	Science of Energy Learn more about the forms of energy and force, motion, heat, light and energy transformations using <ul style="list-style-type: none"><li>• National Energy Education Development Project (NEED) Materials; Primary, Intermediate, and Secondary Science of Energy</li><li>• National Energy Foundation (NEF) Materials</li></ul>
11:30 a.m.	Lunch
12:00 p.m.	Sources of Energy How do the forms and sources connect? These lessons help students understand renewable and nonrenewable resources and their impact on energy, the economy, and the environment. Energy Consumption & Conservation Fossil Fuels

Day Two

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8:00 a.m.	Breakfast
8:30 a.m.	Solar Energy
11:30 p.m.	Lunch Key Note Speaker (Solar & Wind Energy)
12:30 p.m.	Wind Energy
3:30 p.m.	Alternate Energy Technologies Field Trip

Day Three

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8:00 a.m.	Breakfast
8:30 a.m.	Hydro Energy
10:00 a.m.	Alternate Energies (Geothermal & Biomass)
11:30 a.m.	Lunch Keynote Speaker (Nuclear Energy)
12:30 p.m.	Nuclear Energy Curriculum

Day Four

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8:00 a.m.	Breakfast
8:30 a.m.	JASON Project <b>“Infinite Potential” Energy Curriculum</b>
11:30 a.m.	Working Lunch
1:30 p.m.	Implementation in the classroom <ul style="list-style-type: none"><li>• Student Growth &amp; Implementation</li><li>• Evaluations</li><li>• Ordering of Materials</li><li>• Follow Up</li></ul>
2:00 p.m.	Adjourn



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# Idaho Energy Workshop

August 3-6

Register by July 1st by faxing to Melissa Shephard at 1-208-526-2818

## REGISTRATION INFORMATION

Workshop registration confirmation and driving directions will be sent upon receipt of registration form.

Please Print or Type

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Last Name                      First Name                      School Phone with Area Code

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School/Organization                      Grade                      School Fax Number

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School address                      City                      State                      Zip

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Home phone number\*                      Email                      County                      District

\*Requested to notify you of last minute changes.

Do you have any special dietary needs?

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Fax registration form by July 1, 2009 to:

**1-208-526-2818**

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