



Harlan Krumme Memorial Energy Education Grant

This grant is intended to reward innovative teaching techniques and to develop energy education resources for Oklahoma educators. The winning entry will receive \$500 classroom grant and will be awarded a check for an additional \$500. The winning lesson will be promoted as classroom ideas for all educators via OERB's website.

Who is Harlan Krumme?

Independent oil producer and philanthropist Harlan Krumme was born in Pleasant Valley in 1919. He spent most of his life in the oilfield, founding Krumme Oil Co. of Bristow in 1946. He later co-founded Falcon Oil Properties in 1993.

He had as much success as a philanthropist as he did an oilman, generously donating his time and profits over the years to such wonderful organization such as Camp Fire Boys and Girls and the Hillcrest Foundation.

In 1986, Krumme came up with an idea to create a national oil and natural gas program similar to the cattle industry and its Beef Checkoff program. When the idea didn't take off nationally, Krumme and a handful of other Oklahoma oilmen returned to spark local interest. By 1993, they had created what is now known as the voluntarily funded Oklahoma Energy Resources Board.

Krumme's efforts to create the OERB did not go unnoticed. In 1994, the National Stripper Well Association named him "Godfather of the OERB," and on Krumme's birthday in 1997, Governor Frank Keating proclaimed it Harlan Krumme day in Oklahoma for his efforts to create an oil and gas education program. To date, the OERB has educated more than a million Oklahoma students and cleaned up more than 10,000 abandoned well sites thanks to Krumme's vision

2010 Deadline: April 30, 2010
Award Notification: May 14, 2010

If you have questions, please contact Carla Zappola, OERB Education Coordinator at 800-664-1301, ext 216 or teachers@oerb.com.



Harlan Krumme Memorial Energy Education Grant
OERB

Applicant Information:

Name of Teacher Applying for Grant:

E-mail address:

Name of School

School Address

Home Address

School Phone _____ School Fax _____

Home Phone _____

Project Information

Descriptive Title of Project

Targeted Grade Level(s) of Project (mark all that apply)

K 1 2 3 4 5 6 7 8 9 10 11 12

Subject area(s)

Number of students participating per classroom _____

Signatures

[Signature of applicant below indicates agreement to comply with all grant requirements]

Date _____

Applicant's signature

[Principal's signature below indicates awareness and support of grant proposal]

Principal's signature _____ Date _____

Please e-mail an **original** copy of this application to: teachers@oerb.com or mail a hard copy to:

OERB Harlan Krumme Memorial Grant

3555 NW 58th Street, Suite 430

Oklahoma City, OK 73112.

Grants will be awarded in May of each year. Applications must be received by April 30th to be accepted for review for the same year.

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IMPORTANT: Except for information on the COVER PAGE, nowhere in your proposal should you identify the name of your school, yourself or any other staff members involved in the project. The COVER PAGE will be removed prior to review and reviewers will do a "blind read" i.e. review your proposal without knowing whose proposal they are reviewing. Failure to meet this requirement will result in your application being disqualified.

TEACHER CHALLENGE DESCRIPTION

Teachers are asked to submit an original lesson plan or classroom activity related to energy (focusing on oil and natural gas). Lesson plans/activities should address one or more of the following goals:

- Assist teachers in elementary, middle and/or high schools to incorporate the concepts of energy and energy usage and efficiency into the classroom.
- Provide opportunities for teachers to explain the importance of oil and natural gas to Oklahoma's past and future.
- Provide opportunities for responsible individual energy use in school and at home.
- Demonstrate the incorporation of the Oklahoma P.A.S.S. objectives for the associated grade level .
- Help promote OERB's conservation/restoration efforts in Oklahoma
- Incorporate Petro Pete or other characters from Petro Pete's Adventure series (if grade appropriate).

APPLICATION REQUIREMENTS

- All submissions must include a completed cover page (provided).
- One lesson/activity per teacher will be accepted and must be submitted to OERB at 3555 NW 58th Street, Suite 430, Oklahoma City, OK 73112 no later than 5:00 PM on April 30th, 2010.
- All lessons/activities must be original works. Submissions cannot be copyrighted, copied or published, or the entry will be disqualified. (Petro Pete and other characters may be used in submissions.)
- All entries become the property of OERB. By entering this contest, you assign to OERB your entire right, title, and interest in the submission, including the copyright. You acknowledge that OERB may, without limitation, edit, copy, and publish entries in any media for use by other educators.
- By entering this contest, you release OERB from any and all liability with respect to the contest or the prizes.
- By entering this contest, you agree to allow OERB to publish your name and school in contest mailings and on the OERB website.

AWARDS

Our goal is to reward innovative teaching techniques and to develop energy education resources for Oklahoma educators. The winning entry will receive \$500 classroom grant and will be awarded a check for an additional \$500. The winning lesson will be promoted as classroom ideas for all educators via OERB's website.

PROJECT NARRATIVE

Please respond to the following questions in sequential order. Limit your responses to three, numbered, double-spaced pages using a 12 pt. font and 1" margins.

- 1. Description of Need for Energy Education:** Describe the need for incorporating energy curriculum in education. Describe the educational elements that will be addressed through the project. (20 points)
- 2. Project Description:** Describe your lesson plan, unit or project emphasizing what you and your students will do. State the objectives for students and relate them to a state standard(s). Include any and all external collaborations for this project. Please include a listing of necessary supplies and quantities for your project. (60 points)
- 3. Student Benefits and Success Measures:** Describe how students will benefit from the proposed lesson plan, unit or project. How will you measure the increased knowledge about energy that results from your lesson, unit or project? Please be specific and relate measurement of learning to your objectives and the standards you are addressing. (15 points)
- 4. Plan for Classroom Grant:** Describe how you would spend the \$500 for your classroom if your project is selected. (5 points)

JUDGING CRITERIA

Submissions will be evaluated based on the following criteria.

Criteria Possible

Points

Description of educational elements for lesson/project 20

Alignment with State Education Standards 20

External collaborations 10

Creativity of lesson/project 30

Anticipated outcomes/goals, include student benefits 10

Plan for Assessment/Evaluation 5

Plan for Classroom Grant 5

TOTAL POSSIBLE POINTS 100