

# THE ARCH COAL FOUNDATION

INNOVATIVE TEACHING GRANTS PROGRAM

GRANT APPLICATION

\$500 MAXIMUM GRANT AWARD

Deadline/Postmarked/E-mailed: September 13, 2010

Instructions for completing this grant request:

- *Option 1:* If you have *Acrobat Reader or Professional on your computer*, you may type your responses in this document, save the document, and send it via e-mail attachment to [swilson@archcoal.com](mailto:swilson@archcoal.com). This form and a copy of last year's news release about the recipients are also available at <http://archcoal.com/community/teachinggrants.aspx>.
- *Option 2:* Print this form and write or type your responses, and mail it to the address on page 7.

Grants can be used for any grade level, K-12, 2010/2011 school year. Please submit form no later than 9/13/2010.

Date

Applicant's Name and Contact Person

Home Address · Street · City · State · Zip

Home Phone

E-Mail

Position or Grade(s) Taught

Co-Applicant, if any

Co-Applicant's name

Home Address · Street · City · State · Zip

Home Phone

E-Mail

Position or Grade(s) Taught

School

Name of School

School Phone

School Address · Street · City · State · Zip

Please list any teachers, other than applicant

(and co-applicant), who are participating in the project.

Name, Position or Grade Taught

Address

Name, Position or Grade Taught

Address

ALL APPLICANTS MUST BE ACTIVELY INVOLVED  
IN EXECUTING THE GRANT.

*“The Arch Coal Foundation believes that teachers know their classroom challenges best; that given minimal financial assistance they know how to become significantly more innovative in their teaching; and that there is a constant struggle to balance personal finances with the pursuit of their ideas in the classroom. The Arch Coal Innovative Teaching Grants Program addresses these concerns.”*

### **Program Guidelines**

The program’s intent is to encourage classroom teachers’ initiative to introduce innovative and replicable projects in their classrooms.

A panel of judges will use the following criteria and 50-point scoring system to determine the grant recipients: Innovative 15; Clear Goals 10; Clear Benefits 10; Replicable 10; Realistic Budget 5.

Preference will be given to innovative ideas. The Foundation also will give preference to new ideas rather than repeat requests unless the grant application clearly states that a multiple year test of the idea is required to determine its efficacy. Also, applicants are asked to ensure that routine requests, such as for equipment, are outside normal funding available through the school system.

If you have questions or concerns regarding your application, please contact Grant Coordinator Sherrie Wilson (swilson@archcoal.com) prior to the deadline.

Grants may not be used to purchase athletic equipment or routine trips for students and/or teachers. As a general rule, grants may not be used to purchase widely available, “off-the-shelf” materials or teaching aids unless they incorporate innovation. See examples outlined below.

Eligibility: Classroom teachers, specialists (such as reading and math), and counselors in Delta County. School librarians, part time teachers, administrators and others not involved in classroom teaching or small group teaching are not eligible. Extracurricular activities are not eligible. (Exceptions and elaboration: a librarian teaching library science would be eligible if the teacher teaches a class. A basketball coach would not be eligible for a grant for his/her basketball team. A science teacher would not be eligible for a grant to underwrite a rock-finding trip unless it was an extension of the classroom and innovation was incorporated.)

Examples: The following are provided only as examples of innovative teaching ideas that fit under the guidelines. They are not provided so that they will be copied into grant applications for this program.

1. Colorado’s pre-statehood history might be a subject an elementary teacher wishes to explore. For example, Bent’s Old Fort is a National Historic Site in Otero County. The adobe fort was established mainly for the acquisition of buffalo hides. The teacher might want students and parents to be engaged in having history re-enacted by the class. Parents would help make period costumes for their children and buffalo hides might be made from brown material. Students would act out a play written by the teacher before other students at the school and parents. By acting out history, the teacher feels they will better understand it. The teacher applies for a grant for patterns, cloth and thread.
2. A teacher wants to demonstrate how germs are spread, so that her students can reduce colds and learn healthier living habits – all as a part of science lessons. The teacher presents a week-long unit to introduce students to viruses and bacteria. Students learn the difference between virus and bacteria, the disease and treatment of each, and the proper activities, including a game where students will use different colors of glitter to illustrate how germs are spread. The grant is awarded to purchase glitter, specialized medical/scientific literature and regular soaps/anti-bacterial soaps.

## Teaching Grant Examples (continued)

3. A high school teacher wants to expose her students to different cultures. Because there is a second-generation Greek American living in the area near the school, they will consult-question and listen to the person describe Greek life. They also will research and read about Greek myths. Finally, students will prepare and sample a variety of Greek foods and give presentations on assigned characters from Greek myths. This project will focus on the literature of the Greek myths and the characters found within the stories, as well as cultural awareness. The grant is awarded to purchase foods to be prepared and special artwork (prints) of the Greek mythical characters.
4. “Off-the-shelf” materials: Many off-the-shelf materials will not qualify for innovative teaching grants. For example, a Delta County elementary school teacher discovers that a lesson plan has been developed by another teacher in St. Louis, and may be purchased for \$150, including all necessary materials. She wants a grant to cover the expense of purchasing the pre-written lesson plans and materials for her class. This grant most likely would be denied. However, examine this same scenario with some important changes: That same elementary school teacher discovers that a lesson plan has been developed by another teacher, in St. Louis, that is unique and covers a part of the subject matter that needs to be covered by her class. The St. Louis lesson plan may be purchased for \$150, including all necessary materials. The Delta County teacher knows that the program was designed for use in a suburban environment, so it probably will not work in her classroom. The teacher proposes modifying the pre-written lessons so that it will work in her rural setting. The grant request proposes purchasing the program, modifying it, testing it and providing results to evaluate its ultimate success or failure. If successful, the Delta County teacher will contact the St. Louis teacher to suggest an addendum for rural schools. This second grant request would most likely be approved because the teacher has demonstrated innovation by extending a concept originated for a different classroom application.
5. Elementary school students are exposed to and conduct “measurements” – how to measure objects. This project uses the theme of a county fair as a fun and inviting way to teach measurement skills. After reading about county fairs and pumpkin judging contests, students will set up a county fair in their classroom. A variety of objects will be measured with nonstandard units (plastic links, inchworms, etc.), as well as standard units (rulers, inches). Each child will have a pumpkin and estimate and measure the circumference. The grant is awarded to purchase pumpkins, the nonstandard measuring “tools,” as well as rulers/tape measures for each child.
6. A special education teacher wishes to teach his physically and mentally challenged students life skills in a productive, educational and fun manner. He demonstrates the skills required to make a milkshake: choosing the ice cream, opening the carton, scooping the ice cream into the blender, opening a carton of milk and pouring the correct amount into the blender. Finally, the students get to “pulse” the blender until the milkshake is smooth. This teaches a wide range of mental and physical acts to produce a milkshake, which the students then enjoy. The grant is awarded to purchase a blender, ice cream, syrups and scoop.

This grant form also is available at:  
<http://archcoal.com/community/teachinggrants.aspx>.

PROJECT NUMBER

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For Office Use Only

Please type or use black ink when filling out the application. Inks of other colors do not always copy clearly. Please duplicate the completed application and retain the copy for your file.

1. Title

Overview

2. a. What is the goal of this project?

b. Why do you think there is a need for it?

c. How will students benefit from participating in this project?

PROJECT NUMBER

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3. Total cost of the project \_\_\_\_\_

Amount requested (\$500 Maximum) \_\_\_\_\_

Funding source of balance (if applicable) \_\_\_\_\_

4. List in detail the budget amount of each expenditure (as best as possible).

	ITEM	AMOUNT
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
9.	_____	_____
10.	_____	_____
11.	_____	_____
12.	_____	_____
13.	_____	_____
14.	_____	_____
15.	_____	_____
16.	_____	_____
17.	_____	_____
18.	_____	_____

TOTAL \$

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5. What grade(s) will this project benefit?

6. Give a time schedule of events. (For example: "The project will be a week in length, expected to be February 6 – 10.")

7. Approximately how many students will be participating in this project?

8. Will this project be ongoing, continuing to be implemented in future years?

Yes  No (depending upon its success)

9. How will you measure the project's success?

#### IMPORTANT INFORMATION FOR APPLICANTS:

1. The Arch Coal Foundation will reimburse the school of selected applicants after receipt of invoices and/or the final financial report, as applicable. To the greatest extent possible, applicants should try to complete financial reports so that only one reimbursement check would be issued. You may request up to two reimbursement checks.
2. The Arch Coal Foundation requires a brief summation of the grant following the conclusion of the project. This will be used for possible news media coverage and for a possible printed or Web report. The summation must include a statement as to whether the project, if successful, is replicable in other schools.
3. Projects should be completed by 5/13/2011. Advance approval from the grants steering committee must be obtained for any date after May 13 or if a date must be changed. Contact Sherrie Wilson at (970) 929-2303 with any special requests.
4. By submitting this application, the applicant agrees that the Arch Coal Foundation and Arch Coal, Inc. may share the information contained in this application, as well as project reports.

PROJECT NUMBER

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The Arch Coal Foundation Innovative Teaching Grants Program  
Final Financial Report

Dollar amount approved for grant: \$ \_\_\_\_\_

Instructions:

1. Itemize expenditures of the project.
2. Attach receipts or copies of receipts.
3. Write your evaluation on a separate sheet(s) of paper.
4. This report should be sent to the Grant Coordinator with your evaluation of your project.

As soon as the project has concluded, complete this report, with the responsible teacher's signature, and return it to the address below. (If there are receipts not yet in hand, please note this. When you have all receipts, send this information noting that it is an adjustment to your project.) You may request up to two checks from the Arch Coal Foundation for a single project.

Mail the report to:

Arch Coal Teaching Grants Program  
West Elk Mine • Attn: Sherrie Wilson  
P.O. Box 591 • 5174 Highway 133  
Somerset, CO 81434

Total of itemized expenditures \$ \_\_\_\_\_

Teacher's Signature \_\_\_\_\_ Date \_\_\_\_\_

(For Office Use Only)

Project Number

Amount of Funds Approved

Month to Visit

Date Application Received

Date Funds Requested

Contract Letter Received

Final Report Received



Mountain Coal Company

West Elk Mine

P.O. Box 591

Somerset, CO 81434

[www.archcoal.com](http://www.archcoal.com)