



NEW MEXICO EDUCATION FOUNDATION 2009 SUMMER TEACHER INSTITUTE

June 15 – 20, 2009 • Potash, Stone, Sand & Gravel • Albuquerque-Carlsbad

DIG IT! MINING IN NEW MEXICO

New Mexico Education Minerals Education Foundation Application Form

Hosted by New Mexico Potash, Stone, Sand and Gravel Operators



The Summer Teacher Institute is geared for middle school and high school teachers with curriculum content you can use for professional development.

Teachers will spend 5 days at operating surface crushed stone, sand & gravel operations and underground potash mines in New Mexico. The field-oriented program will include tours, instruction in geology, engineering, economics, environmental sciences and even blasting with explosives! Learn how aggregates are used to construct highways, buildings and the Rail Runner. Visit the Highway Department and learn how asphalt and concrete are designed and tested. Find out why New Mexico leads in mining of important industrial minerals. Develop new curriculum and hands-on activities you can use in the classroom to bring real-world experiences to your students and help stimulate learning.

Did you know?

Aggregates (crushed stone, sand and gravel) are among the most abundant natural resources and major raw materials used in construction, agriculture, and industry. The average modern home requires 400 tons of aggregates while 15,000 tons are needed to build a school or hospital. Potash is a valuable fertilizer nutrient needed to grow oranges and used by early American settlers in making soap. This process of making potash is registered as U.S. Patent No. 1.

Learn about rock blasting for construction and mining, design and test your own concrete mix, see how New Mexico's beautiful geology is transformed into construction and landscaping materials, much more! Join us for a week of adventure and learning. Space is limited so register early.

All expenses are paid for the Summer Institute except travel to and from Albuquerque and the application fee of \$25 that will be applied to materials.

An optional graduate level (1) credit is available from New Mexico Tech for an additional charge (limited number of scholarships are available) or teachers can choose continuing educational units. Contact George Becker at 866-644-4887 (toll-free) gbecker@admin.nmt.edu. Teachers may also check the website www.nmt.edu/~eodi for admission and registration instructions.

cut here and mail in by June 1

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PLEASE PRINT

First name _____ Last name _____

Home address _____ City _____ Zip _____

School name _____ Grade level _____ Subject _____

Home phone _____ Cell _____ Email (home only) _____

Roommate Preference (or none) _____ T-Shirt size _____

REMIT CHECK FOR \$25 TO SECURE YOUR SPACE PAYABLE TO: NEW MEXICO MINING ASSOCIATION

Payment must accompany application. Mail to: 1470 St. Francis Drive, Santa Fe, NM 87505. Your fee will be applied to registration that includes accommodations, meals and transportation during program attendance paid by the Minerals Education Foundation. Cancellation with refund is available until June 1, 2009 and no refund will be made after this date. Substitutions may be made at any time by notifying NMMA at 820-6662.