



Kansas Independent Oil & Gas
Association Educational Foundation

Providing Better Energy Education

Petro Pros Program **Petroleum Professionals in the Classroom**

Free educational programs designed to increase awareness about the science and business aspects of the Kansas oil and gas industry.

Each Petroleum Professional provides an overview of Kansas' oil and gas industry as well as basic interactive lessons and activities in geology, geophysics, engineering, environmental science, refining, and safety.



The Kansas Independent Oil & Gas Association (KIOGA) educational programs are funded by Kansas' oil and gas producers through the KIOGA Educational Foundation.

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Wichita, KS 67202
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Comments from Kansas Students And Teachers

"Thanks for the speech about oil and M & M's. Who knew our makeup came from oil."

"I believe the students were really interested in what you were saying, and I personally found it quite educational. We appreciated the hands-on portion of the lecture, especially the M & M's experiment and the distribution of the candy afterwards."

"Loved the hands-on samples! Presentation coincided great with our chapter information. I was so impressed that I passed a pamphlet to my daughter's teacher."

"I really enjoyed your program. I learned that oil drills have diamond grinder thing to dig into the ground and rock. I also enjoyed holding the rocks. I learned that oil floats on top of water. I also learned that toothpaste, foam, and sunglasses are made of oil."

"Thank you for spending time with us. We especially liked the crystal rock. Our second favorite was the red tall one. It was a great presentation."

"Great presentation—morning and afternoon classes. Hope to have you again next year."

"He made the subject matter very interesting for my class."

"An extra special thanks to our two presenters. Their presentation was exactly what we needed for our chapter in Science."

"Students like the M & M demonstration."

"The best feature of the presentation was getting the students involved."

"The best feature of the presentation was the presenters ability to bring the subject matter to the students level."

"You could tell the Petro Pro presenter was passionate about his job. The kids really enjoyed his presentation."

"Everything went very well. It was class time well spent. It flowed perfectly with the class curriculum."

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Place
Postage
Here

Do Your Students Know

- Oil is called a “fossil fuel” because it was formed by millions of small marine plants and animals who died and were buried by sand, rocks, and other sediments and “cooked” by the heat beneath the earth’s crust for millions of years.
- Over 6,000 products come from petroleum: artificial turf, aspirin, chewing gum, crayons, deodorant, golf balls, hand lotion, mouthwash, pillows, athletic shoes, telephones, toilet seats, toothpaste and tooth brushes, soft contact lenses, transparent tape, cosmetics, rubber, cement and batteries.
- Kansas oil was first discovered in 1860 in Miami County and Kansas natural gas was first discovered in 1873 in Montgomery County.
- Over 58,000 wells are actively producing oil and natural gas in Kansas today, operated by more than 2,400 oil companies.
- Oil and natural gas is produced in 89 of Kansas’ 105 counties.
- Kansas ranks 8th among the 31 oil producing states and 8th among the 31 natural gas producing states in terms of the amount of oil and natural gas produced.
- Oil production is measured in barrels (bbls). One barrel equals 42 gallons.
- Approximately 35 million barrels of oil and 370 billion cubic feet of natural gas are produced in Kansas annually.
- The Kansas oil and gas industry ranks just below agriculture as the most significant Kansas industry in terms of gross state product.

Educational Programs

The Kansas Independent Oil & Gas Association (KIOGA) Petroleum Professionals in the Classroom “Petro Pros” educational program provides an overview of the Kansas oil and gas industry as well as basic interactive lessons and activities in science and social science.

Petro Pros are trained Kansas oil and gas industry professionals who volunteer their time and effort to visit Kansas schools and show students the science and business aspects of the Kansas oil and gas industry. Petro Pros use rocks, fossils, drill bits, maps, and other learning tools to demonstrate how oil is formed, discovered, and produced. The presentations emphasize the importance of energy in our everyday lives and are designed to help meet Kansas State Department of Education Learning Standards for both Science and Social Science. Presentations have been made to students in classes ranging from pre-kindergarten to college and have utilized several technologies including tradi-



Students learn about petroleum products by participating in hands on activities.

tional classroom presentations, distance learning presentations, and online presentations.

I would like a Petroleum Professional to conduct a PETRO PRO presentation in my classroom.

NAME: _____

SCHOOL: _____

ADDRESS: _____

PHONE: _____ FAX: _____

EMAIL: _____ GRADE(S): _____ SUBJECT: _____

NUMBER OF STUDENTS: _____ POSSIBLE DATES: _____

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