

**The oil and gas trunk is an interpretive lesson providing information on the day to day work environment and duties of oil field workers through hands-on interaction with artifacts. It is intended to be a supplement curriculum for teacher's use on Oklahoma's natural resources.**

## **Philosophy**

The oil and gas trunk is an interpretive lesson that features hands-on objects related to the oil and gas industry in Oklahoma. With the hands-on approach, the student will gain the necessary information to make intelligent analysis of the oil and gas industry and its impact on Oklahoma.

## **Grade Level:**

The oil and gas trunk is designed for 4<sup>th</sup> grade and higher. The teacher can easily modify the learning activities to provide the best match for the student's needs.

## **Topics Covered by Learning Activities:**

- Natural Pressure
- Core Samples
- Porous Formations
- Drilling Equipment

## **Trunk Contents Include:**

- Drill bit
- Hard hat
- Lunch box with thermos
- Core samples
- Rock Samples
- Strike Oil game
- Assortment of items made from petroleum
- Images
- Clothing
- Derrick model
- VHS and DVD videos on Oklahoma petroleum history



## **The Oil and Gas trunk is designed to meet the following PASS Skills and others:**

- Build connections with social studies content and help students develop an understanding of human history.
- Describe major events of Oklahoma's past, such as settlements by Native Americans, cattle drives, land runs, statehood, and the discovery of oil.
- Demonstrate an understanding of unique features contributing to the settlement of Oklahoma.
- Explore regional United States geography, including the physical and human characteristics of the state of Oklahoma.
- Investigate economic assets of Oklahoma and their effects on state history.
- Identify the impact of the Industrial Revolution on the United States.
- Analyze the impact of the automobile on society.
- Make observations and measurements to test ideas.
- Investigate the process of change of energy from one form to another.
- Analyze the use of Oklahoma's natural resources (e.g., salt, bison, oil, coal, timber and sod) by early visitors and settlers.
- Evaluate how the physical environment affects humans and how humans modify their physical environment.
- Identify forces beneath and above the earth's crust, explaining the processes and agents that influence the distribution of resources.
- Examine how economic cycles (e.g., the Great Depression and the Dust Bowl, and oil boom and bust) have affected and continue to affect major sectors of state employment (e.g., fossil fuels, timber, mining, tourism, the military, and agriculture).

**The Oklahoma History Center offers a number of educational opportunities including field trips, living history characters, hands-on trunks, and instructive classes.**

**For more information on other trunks and educational programs contact the Oklahoma History Center at 405-522-5248 or visit our website at [www.okhistorycenter.org](http://www.okhistorycenter.org).**