**Fossil Fuels Web Activity**

FOSSIL FUELS

<http://energyquest.ca.gov/story/chapter08.html>

What are the three major forms of Fossil Fuels:

Why are they called “fossil fuels?”

Summarize the process in which fossil fuels formed.

COAL

[http://www.eia.doe.gov/kids/energy](http://www.eia.doe.gov/kids/energyfacts/sources/non-renewable/coal.html).cfm?page= coal\_home-basics

What are the 3 main types of coal?

How is coal ranked?

Which type of coal is only mined in the U.S. in Northeastern Pennsylvania?

Which type of coal has the lowest energy content?

Which type of coal is an important raw material for the steel & iron industries?

Coal is mined in \_\_\_\_\_\_\_ states. The top 4 are:

What is the majority of the coal in the United States used for?

How much coal is required to supply enough electricity to power ten 100-watt light bulbs for about an hour?

OIL

<http://energyquest.ca.gov/story/chapter08.html>

What did the Native Americans use oil for?

Who drilled the 1st oil well in the U.S. in 1859 (and where)?

What happens at an oil refinery?

What are some products made from oil?

NATURAL GAS

<http://energyquest.ca.gov/story/chapter08.html>

Natural gas is made up mostly of which gas? What is its chemical formula?

Why is natural gas mixed with another chemical before it is sent to pipelines & storage tanks?

***\*\* Use any websites you wish to find answers to the following:***

* Name 3 ways in which the burning of fossil fuels affects the environment.
* The name of the chemical added to natural gas to give it an odor is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The material overlaying coal that must be removed before mining starts is known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* This was used by early miners to test coal mines for natural gas or other harmful gases: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Another name for oil is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The process of restoring mines to their previous condition is called: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* A slurry is:
* What did Sir Humphrey Davy invent? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* What 2 types of coal are mined in Pennsylvania?