Grade 6
Science homework
Coal, Oil & Natural Gas

Read the notes and answer the questions that follow in your homework notebook. Write the questions and answer in complete sentences.

Lesson 7- Coal, Oil & Natural Gas

KEY TERMS

coal
fossil fuels
fuel
methane
non-renewable resource

OBJECTIVES

- Identify how coal, oil and natural gas are formed
- Compare coal, oil and natural gas

A **fuel** is a substance that is burned to release its stored energy. *Coal, oil* and *natural gas* are some of the most important fuels. They are also called fossil fuels. **Fossil fuels** are made from decayed plants and animals that lived long ago. They are **non**-renewable resources, which means that they cannot be easily replaced or reused.

Fossil Fuel Video

Coal



Coal is a black or brown sedimentary rock that was formed from the remains of plants. Coal is grouped as either hard or soft. Soft coals were formed most recently. They were formed under low pressure and low temperature. Hard coals are the oldest coals and were formed under high temperature and high pressure.

Oil and Natural Gas



Oil and natural gas were formed the same way that coal was formed. However, they were formed from the remains of simple animals and plants. These tiny organisms lived on the Earth many millions of years ago. Over time, high pressures and temperatures have changed their remains to oil and natural gas. Many common products are made from oil. Gasoline and diesel fuel are both made from oil. One of the main products made from natural gas is methane. **Methane** is the gas that is burned in most stoves.

Coal, Oil & Natural Gas Video



Around 90% of our energy comes from fossil fuels. The energy stored in fossil fuels come from the sun.

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LIVEWORKSHEETS

Coal, Oil & Natural Gas-Assessment

Name: _____ Date: _____

Read and answer the following questions correctly.

1. What is the definition of fuel? [1]

_____

_____

2. Complete the statement below. [2]

Fossil fuels are made from decayed _____ and _____ that lived long ago.

3. Coal, oil and natural gases are **non-renewable.** Which of the following is the definition for non-renewable? Shade in the LETTER next to the correct answer. [1]

(A) easily broken down

(B) cannot be decomposed easily

(C) cannot be easily replaced and reused

4. Name a product made from oil.

_____

5. Explain **ONE** difference between the formation of hard and soft coals.

_____

_____

. Which type of natural gas is used in most stoves?

_____

TOTAL MARKS– 8

LIVEWORKSHEETS