

## 7<sup>th</sup> Grade Science    Book E Environmental Science

**Chapter Five:** Energy Resources

**Section Two:** Fossil Fuels (pg 106-113)

For each word listed below, write the word on a piece of notebook paper, underline or highlight the word and then write the definition after the word. (Students are encouraged to take the definition from the actual text because that is the definition that will be used on quizzes and tests).

Energy resources	fossil fuel	petroleum
natural gas	coal	peat
strip mining	acid precipitation	smog

Answer each of the following questions on a piece of notebook paper, in a complete sentence, restating the question in your answer. Failure to follow these rules will result in the student having to rewrite the assignment to earn their points.

1. Give at least three examples of fossil fuels.
2. Where is petroleum separated into its various parts?
3. How much of the world's energy comes from petroleum?
4. Why is petroleum sometimes called "Black Gold"?
5. Why did people start to use less and less coal?
6. In the USA, coal is mainly used for what?
7. Why would people who burned coal be concerned with the carbon content of the coal?
8. Which type of coal burns the cleanest? Why?
9. What determines the method used to remove fossil fuels from the Earth?
10. How does acid precipitation form?
11. Why do large cities have more smog than other places?
12. Why can't carpooling and using mass-transit systems eliminate the problems associated with fossil fuels?