



Exploration

STUDENT worksheet

Name _____

Date _____

An Ancient Recipe

Overview

In this Exploration you will test conditions (environment, time, and heat/pressure) necessary for the formation of fossil fuels to discover how they came to be.

Questions

1. Explain how fossil fuels were formed millions of years ago. _____

2. Which combination of conditions created anthracite coal? _____

3. Which fossil fuel accounts for almost 40% of all energy use in U.S.? What combination of conditions was necessary for its formation? _____

How to Use "This Exploration"

1. Read the Introduction and click the Continue button.
2. Think over the Introduction before selecting a condition for the environment, time, and heat & pressure. Click on the Play button.
3. Read the results and record in the Data Chart the name of any fuel formed.
4. Considering the results, make other choices.

Data

Environment	Heat/Pressure	>1,000 yrs.	1,000s yrs.	Millions of yrs.	100 million yrs.+
Dry land	Low				
	Medium				
	High				
	Very high				
Swamp	Low				
	Medium				
	High				
	Very high				
Ocean	Low				
	Medium				
	High				
	Very high				