NameSCIENCE Fossil Fuel Extraction	Period_	Date	_
You and your partner will be provided with may contain deposits of fossil fuels. Thes cookie. You will also be provided with a equipment used in obtaining the fossil fue an area of land on which various kinds of	se deposits are rep toothpick, which el. Imagine that th	presented by chocolate pieces in represents the mining and driluse top surface of the original co	n the ling
Problem/Purpose:			
Can the chips (representing fossil fuels) b cookie (representing land, the environme		a cookie with as little damage	to the
Hypothesis:			
It is predicted that we can remove as much the environment as possible (If we are cal little damage will be done to the environment)	areful and remove	4 5	
Experiment:		E	
Materials: cookie, paper plate or paper to	owel, toothpick		
Procedure:			
 In the space below, sketch the coo Mine your cookie using the toothy fuel to be counted at the end. In the space below, sketch the coo Record the amount of fossil fuels generated. (Estimate: about 	pick as your drill okie surface after s you were able to	 Carefully set aside your extra or "mining". o obtain and the amount of "wa 	
Data Tables:			
Before Mining		After Mining	

J.	What would happen to the plants and animals that lived on the land that was mined in this way?
4.	What could be done to reduce the damage done to the environment by such mining?
5.	If we use less energy, we need less fossil fuels. If we need less fossil fuel, we do not need to mine as much land. What can you do to reduce energy use?
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Energy Obtained from					
Mining (Total # of Chips collected)	Energy Used to Mine the Land (refer to chart on board)	Energy Remaining for use in homes (column 1- column 2)			
(Total # of Chips collected)		(column 1- column 2)			
		S. S			
Energy Chart					
8,					
Discussions Questions					
1. What happened to the "land" when you mined for fossil fuels?					
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2. Were any crumbs made	e during the process? What is a	recion? IO for the 18 9			
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