<b>Topic/Objectives:</b> 17-2 Fossil Fuels; (1) Explain how fossil fuels formed, (2) Describe the				Name:			
uses of coal and how it is removed from the ground; (3) Describe the uses of oil and how it is			Date:				
extracted; (4) Explain the characteristics and uses of natural gas; (5) Predict the future of fossil fuels.				Period:			
Essential Question: How did fossil fuels form, and how are they obtained and used?							
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Questions:	Notes:						
	HOW FOSSIL F	-UELS FORM					
1			form	the remains of org	anisms that lived		
	<ul> <li>millions of years ago.</li> <li>Fossil fuels are composed of, compounds made mainly of hydrogen and carbon atoms.</li> <li>Fossil fuels are produced only when living remains are broken down in an environment with little to no</li> <li>Temperature, and chemical composition determine which fossil fuel is produced.</li> </ul>						
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	FOSSIL FUEL	USES	REMOVAL		NOTE		
	Coal	Provides 1/4th of the world's			Advantages of coal include it's		
		energy and ½	removing	layers of soil and	abundance, need		
		of America's		e the mineral	for less processing,		
		energy use.	deposit.		and ease in		
		,			transport		
			digging sh				
		,		exposed vein.			
	Oil	Transportation,		id trapped in	Oil taken out of the		
	()	heating, and	-	<u>ck</u> ; drilling and	ground is known as		
		other household		s generally remove it.	crude oil, and must be refined to be		
		products	l lieeded to	remove it.	usable.		
	Natural Gas	Generate	Found abo	ove coal and oil	Faster growing, less		
		electricity,	•	in the US natural	polluting, and		
		heating,	gas is pipe		provides large		
		plastics, dyes and fertilizers.	it's used.	directly to where	amounts of energy.		
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	SUPPLY OF FOSSIL FUELS				
	While	is every increasing, it's estimated that nearly half of the			
	world's oil reserves have been extracted.				
	Alternative sources of fossil fuel could be a solution:				
	0	– moist sands containing bitumen.			
	0	– rock filled with hydrocarbons.			
	0	– ice trapped methane.			
	Alternative foss	sil fuels are non-renewable and will not solve our energy challenges.			
Summary:					