

Sample Unit Overview: Earth's Natural Resources

Grade	6th
Unit Title (unifying topic)	
Enduring Understanding (for the teacher)	
Essential Question(s) (for the students)	
Duration & Culminating Project (Text Type)	<p>@ 2 weeks - Students will collaborate to write a scientific explanation, based on evidence, about human impact on the planet caused by the pursuit of natural energy resources, in the form of:</p> <p style="padding-left: 40px;">(1) a PPT presentation; (2) a radio editorial; or (3) a magazine article</p>
Unit Standards: <ul style="list-style-type: none"> • Science 	<p><i>MS-ESS-3.1 Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes.</i></p> <p style="color: red;"><i>[Clarification Statement: Emphasis is on how these resources are limited and typically non-renewable, and how their distributions are significantly changing as a result of removal by humans. Examples of uneven distributions of resources as a result of past processes include but are not limited to petroleum (locations of the burial of organic marine sediments and subsequent geologic traps), metal ores (locations of past volcanic and hydrothermal activity associated with subduction zones), and soil (locations of active weathering and/or deposition of rock).]</i></p>
Potential ELD Standards	

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OUTLINE

UNIT TIME FRAME	TEXT / TASK	SCIENTIFIC TOPICS
4 days	"Energy Resources Around the World - Recursos energéticos alrededor del mundo"	Forms of natural energy resources (nonrenewable & renewable) , sources of energy, major producers (by country)
1 days	Essay Writing	informative/explanatory: uneven distributions
2 días	"Energy Sources: Pros and Cons: Fuentes de energía: ventajas y desventajas"	Advantages of disadvantages of four sources of energy (fossil fuels, hydroelectric, solar, nuclear)
3 días	Tarea de rendimiento	impact on the planet caused by the pursuit for natural energy resources

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WEEKS DETAILS																			
Common Core Grade Level ELA/ELD Standards	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 5px;"><i>Week 1, Phase 1</i></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"><i>Week 1, Phase 2</i></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"><i>Week 1, Phase 3</i></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"><i>Week 1 Writing</i></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"><i>Week 2, Phase 1</i></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"><i>Week 2, Phase 2</i></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"><i>Week 2, Phase 3</i></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"><i>Week 2 Writing</i></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"><i>Across texts</i></td> <td style="padding: 5px;"></td> </tr> </table>	<i>Week 1, Phase 1</i>		<i>Week 1, Phase 2</i>		<i>Week 1, Phase 3</i>		<i>Week 1 Writing</i>		<i>Week 2, Phase 1</i>		<i>Week 2, Phase 2</i>		<i>Week 2, Phase 3</i>		<i>Week 2 Writing</i>		<i>Across texts</i>	
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Related Content Standards	<p><i>MS-ESS-3.1 Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes.</i></p>																		
Motivating Introduction	<p>Students will be engaged by:</p> <ul style="list-style-type: none"> (1) watching a documentary about energy sources and climate issues (2) using technology to create a multimedia presentation on their findings 																		
Anchor Texts	<ul style="list-style-type: none"> ● Energy Resources Around the World - Recursos energéticos alrededor del mundo, by Samantha Beres ● Energy Sources: The Pros and Cons - Fuentes de energía: Ventajas y desventajas, by David L. Drier 																		