



## UNIT GRAPHIC ORGANIZER

SUBJECT: GEOGRAPHY

UNIT: 4

COURSE: Third

TEACHER: Pilar Rodríguez

DATE: September 9<sup>th</sup>, 2019

### NATURAL RESOURCES AND SOIL LAYERS

**THROUGHLINES:**

1. How Natural resources are form?
2. Why is important to preserve the Natural resources on the Earth?
3. What is the relationship between types of soil and Natural Resources?

**GENERATIVE TOPIC**



**UNDERSTANDING GOALS:**

The student will understand the most important characteristics of natural resources (renewables and non-renewable) and some ways to preserve them.	The student will classify soil layers and how the human use them in their own advantage according to their characteristics.
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	UNDERSTANDING PERFORMANCES	TIME	ASSESSMENT	
	ACTIONS		WAYS	CRITERIA
<b>Exploration Stage</b>	<ul style="list-style-type: none"> <li>- To watch some images about most important characteristics of natural resources plus the different soil layers in the earth.</li> <li>- To show word list related to the topic and compare them with some images and the type of soil depend of the depth in the Earth.</li> <li>- To understand different videos related to soil erosion, the way that the Natural resources formed and disappear.</li> </ul>	<b>2 Weeks</b>	<ul style="list-style-type: none"> <li>-Consolidate the main characteristics of Natural resources and soil layers.</li> <li>-By clarify glossary related to the soil layers and natural resources on earth.</li> <li>-Take apart and come to the conclusion that explain facts about the topic.</li> <li>-Making comparisons of how the soil formed and the influence over the Natural resource formation.</li> <li><b>Week 1:</b> the students will discuss some facts about human's impact in the soil formation and how they use the natural resources in a daily routine.</li> <li><b>Week 2:</b> students will add information about natural resources conservancy and the main influence.</li> <li><b>First part of the synthesis project</b> "the secret message" in the notebook.</li> </ul>	<ul style="list-style-type: none"> <li>-Historical- Cultural.</li> <li>-Spatial – Environmental.</li> </ul>
<b>Guided Stage</b>	<ul style="list-style-type: none"> <li>- To do practical activities that show the matter-of-fact natural resources and asking to the students and some teachers information about their knowledge in this topic and finally sharing their results using a pie chart.</li> <li>- To explain how the soil formed how it have influence over the Natural resource formation.</li> </ul>	<b>4 weeks</b>	<ul style="list-style-type: none"> <li>-Linking facts and main information.</li> <li>-Looking for new information and inferring new ideas related to the conservancy of natural resources.</li> <li>-relate information to the types of soil.</li> <li><b>Week 3:</b> students will begin relate information about their knowledge in this topic and finally sharing their results of natural resources on Earth types, how we use etc.</li> <li><b>Week 4:</b> students will share their first draft of the comparative chart to check their approximation to the area's rubric how the soil formed by finding this in the school. <b>Second part of the synthesis project</b> by using renewable and non-renewable tools.</li> </ul>	<ul style="list-style-type: none"> <li>-Ethical- Political.</li> <li>-Spatial- Environmental.</li> </ul>
<b>Learning Evidence</b>	<ul style="list-style-type: none"> <li>- To make a key-word list related to the topics.</li> <li>- To produce a comparative chart by using some information of how to conserve the natural resources taking into account they won't be renovate so easy.</li> <li>- To create their own tool make by natural resource (renewable or non-renewable).</li> <li>- To related information how people use the soil and its different types.</li> </ul>	<b>2 weeks</b>	<ul style="list-style-type: none"> <li><b>Week 5:</b> students will socialize the outcome of their charts by explaining how they want to promote nature conservancy by making a message, the different uses and how the soil influence in this formation.</li> <li><b>Third part of the synthesis project</b> Final result of the activity</li> </ul>	<ul style="list-style-type: none"> <li>-Spatial- Environmental.</li> <li>-Ethical- Political.</li> <li>-Historical- Cultural.</li> </ul>

