



UNIT GRAPHIC ORGANIZER

SUBJECT: GEOGRAPHY

UNIT: 4

COURSE: Third

TEACHER: Laura Ome

DATE: September 12th, 2022

NATURAL RESOURCES

TITLE

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?
4. How can we affect the environment and the consequences in the future?



UNDERSTANDING GOALS:

The student will understand the most important characteristics of natural resources (renewables and non- renewable) to recognize them in the daily life and how people use them, by doing practical activities to explain how to preserve them and why is important to conserve them through the synthesis project.

The student will classify soil layers, the differences and characteristics through graphics, pictures and interactive presentations to understand how human use them at the different jobs by doing a 3D soil model.

	UNDERSTANDING PERFORMANCES	TIME	ASSESSMENT	
	ACTIONS		WAYS	CRITERIA
Exploration Stage	<ul style="list-style-type: none"> - To watch some images about most important characteristics of natural resources plus the different soil layers in the earth. - To understand different videos related to soil erosion, the way that the Natural resources formed and disappear. - Watch some videos how the soil formed and what are the thing they might have on it. - To watch a video about https://youtu.be/V3xh9rQ7eTE to make an example of soil layers with candies so it is a delicious way to understand the uses of the - To play online games to strengthen the topics 	2 Weeks	Combine the main characteristics of Natural resources and soil layers. -By clarifying glossary related to the topic -Making comparisons of how the soil formed and the influence over the Natural resource formation. Week 1: 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. Week 2: students will add information about natural resources conservancy and the main influence. First part of the synthesis project -To choose one natural resource and investigate some relevant information about it.	-Historical- Cultural. -Spatial Environmental.
Guided Stage	<ul style="list-style-type: none"> - 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 in the notebook and PowerPoint or https://www.meta-chart.com/pie - To explain how the soil formed how it have influence over the Natural resource formation. - Watch the video https://youtu.be/dsTgyb_ITtk 	4 weeks	Linking facts and main information. -Playing online games about soil layers and natural resources. Week 3: 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. Week 4: 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 and playing quizzes online. Second part of the synthesis project by using learned concepts from Spanish subject, write a myth about how the chosen natural	-Ethical- Political. -Spatial- Environmental.

			resource was created.	
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<p>Learning Evidence</p>	<ul style="list-style-type: none"> - What the Earth give us! 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. - To create their own tool, make by natural resource (renewable or non-renewable). - To related information how people use the soil and its different types. <p>Synthesis Project:</p> <p>-The student will create a comic based on a myth about how was created a natural resource.</p> <p>Guideline:</p> <ol style="list-style-type: none"> 1. To use learned concepts from Spanish area to write and create a myth 2. To use learned concepts from geography class to explain through the myth why is important to conserve and take care about natural resources on Earth. 	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">2 weeks</p>	<p>Week 5: 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.</p> <p><u>Third part of the synthesis project</u> To create a comic to describe the previous myth created about the creation of the natural resource chosen</p> <ul style="list-style-type: none"> -To present to the class the comic -To answer possible questions about the comic -To express a reflection about why is important to protect natural resources. 	<ul style="list-style-type: none"> -Spatial- Environmental. -Ethical- Political. -Historical- Cultural.
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