

# FIRST TERM

## WEEKLY LESSON NOTES

### WEEK 4

<b>Week Ending:</b> 27-10-2023		<b>DAY:</b>	<b>Subject:</b> Social Studies
<b>Duration:</b> 60MINS		<b>Strand:</b> Environment	
<b>Class:</b> B8	<b>Class Size:</b>		<b>Sub Strand:</b> Our Natural & Human Resources
<b>Content Standard:</b> B9.1.1.4. Investigate the natural and human resources around us		<b>Indicator:</b> B9.1.1.4.1. Examine the importance of natural resources to the development of Ghana	<b>Lesson:</b> 1 OF 2
<b>Performance Indicator:</b> Learners can understand what natural resources are and identify key natural resources in Ghana.		<b>Core Competencies:</b> CP 5.1: CC 8.1: CC 8.1: CC 9.1: CP 5.2: CC	
<b>References:</b> Social Studies Curriculum Pg. 39			
<b>Keywords:</b> Natural Resources, Renewable, Non-renewable, Exploitation			
<b>Phase/Duration</b>	<b>Learners Activities</b>	<b>Resources</b>	
<b>PHASE 1: STARTER</b>	<p>Display various objects (e.g., wooden item, metal ring, plastic bottle, a piece of coal) and ask learners to guess which of these come from natural resources found in Ghana.</p> <p>Share performance indicators with learners.</p>		
<b>PHASE 2: NEW LEARNING</b>	<p>Ask learners: What do you think “natural resources” mean? Discuss and then provide a definition: <i>Materials or substances occurring in nature which can be exploited for economic gain.</i></p> <p>Show learners videos or pictures of various natural resources found in Ghana.</p> <p>Have them classify the resources as renewable or non-renewable.</p> <p><u>Renewable Resources in Ghana:</u></p> <ul style="list-style-type: none"> <li>• <i>Timber: Ghana has vast forests that are a source of various species of wood. The country's timber industry is significant, exporting logs, lumber, and plywood.</i></li> <li>• <i>Solar Energy: With its equatorial location, Ghana receives abundant sunlight. In recent years, there's been growing interest in harnessing solar energy for power.</i></li> <li>• <i>Wind Energy: Coastal areas of Ghana, especially the Volta Region, are considered suitable for wind energy generation.</i></li> <li>• <i>Water (Hydro Power): The Akosombo Dam on the Volta River provides a significant portion of Ghana's electricity through hydropower.</i></li> </ul>	Pictures and Charts	

	<ul style="list-style-type: none"> <li>• <i>Biomass: This includes agricultural residues, animal manure, and wood waste which can be converted to energy.</i></li> </ul> <p><u>Non-Renewable Resources in Ghana:</u></p> <ul style="list-style-type: none"> <li>• <i>Gold: Ghana is one of the world's top gold producers. Historically, it was known as the Gold Coast before gaining independence from colonial rule.</i></li> <li>• <i>Bauxite: Found primarily in the central regions of Ghana, bauxite is used in producing aluminum.</i></li> <li>• <i>Oil: Discovered in commercial quantities in the Tano Basin in 2007, Ghana's oil and gas sector has seen significant growth. The Jubilee Oil Field is a primary producer.</i></li> <li>• <i>Manganese: Ghana is also rich in this resource, with its mining concentrated in the southwest of the country.</i></li> <li>• <i>Diamonds: Although not as significant as gold, diamonds are also mined in Ghana.</i></li> <li>• <i>Cocoa: Though renewable in nature (as cocoa trees can be replanted), cocoa is a significant export commodity for Ghana. It may be debated whether or not it fits strictly under non-renewable in the long-term sense, but it's worth mentioning due to its economic importance.</i></li> </ul> <p>Provide learners with a map of Ghana and stickers or colored pencils.</p> <p>Guide them in marking the primary locations where key resources are found.</p> <p>Open a class discussion on efficient ways of exploiting natural resources, using examples from Ghana where possible.</p> <p><u>Assessment</u></p> <ol style="list-style-type: none"> <li>1. What is the difference between renewable and non-renewable resources?</li> <li>2. Name two renewable resources found in Ghana.</li> <li>3. Why is it important to exploit natural resources efficiently?</li> <li>4. Which non-renewable resource is vital for Ghana's economy?</li> </ol>	
<p><b>PHASE 3: REFLECTION</b></p>	<p>Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.</p> <p>Take feedback from learners and summarize the lesson.</p>	

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<b>Performance Indicator:</b> Learners can discuss the importance of natural resources to Ghana's development and examine the challenges faced in exploiting them efficiently.		<b>Core Competencies:</b> CP 5.1: CC 8.1: CC 8.1: CC 9.1: CP 5.2: CC	
<b>References:</b> Social Studies Curriculum Pg. 39			
<b>Keywords:</b> Development, Technology, Capital Resources, Technical Expertise			
Phase/Duration	Learners Activities	Resources	
<b>PHASE 1: STARTER</b>	<p>Share a statistic related to the export or economic impact of one of Ghana's natural resources, such as gold or cocoa.</p> <p>Ask learners why they think this resource is crucial for Ghana. "Why do countries like Ghana focus on extracting and using their natural resources?"</p> <p>Share performance indicators with learners.</p>		
<b>PHASE 2: NEW LEARNING</b>	<p>Initiate a conversation on how countries use natural resources to benefit their economy.</p> <p>Discuss the significance of natural resources for the development of countries, specifically Ghana.</p> <p>Emphasize the difference between sustainable and unsustainable exploitation.</p> <p>Discuss how natural resources can be a significant boost for a country's economy.</p> <p>Use Ghana as a case study and delve into specifics like jobs, exports, and infrastructure.</p> <p>Present the difficulties in exploiting natural resources effectively, including:</p> <ul style="list-style-type: none"> <li>• Low level of technology</li> <li>• Limited technical expertise</li> <li>• Limited capital resources</li> </ul> <p>Divide learners into small groups and assign each a challenge related to natural resource exploitation.</p>	Pictures and Charts	

	<p>Each group should brainstorm potential solutions or ways to mitigate their assigned challenge.</p> <p><u>Assessment</u></p> <ol style="list-style-type: none"> <li>1. Why are natural resources crucial for Ghana's development?</li> <li>2. What is meant by sustainable exploitation of resources?</li> <li>3. Name one challenge Ghana faces in effectively exploiting its resources.</li> <li>4. How can Ghana overcome some of these challenges?</li> </ol>	
<p><b>PHASE 3:</b> <b>REFLECTION</b></p>	<p>Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.</p> <p>Take feedback from learners and summarize the lesson.</p>	