

EaD Comprehensive Lesson Plans



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Strand:	Health and Safety	Sub-Strand:	Environmental Health
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<https://www.TeachersAvenue.net>
<https://TrendingGhana.net>

BASIC 8

WEEKLY LESSON PLAN – WEEK 5

Content Standard:	B8.1.3.1 Demonstrate understanding of the basic concept of Environmental health				
Indicator (s)	B8.1.3.1.1: Discuss the causal factors, effects and prevention of desertification and deforestation		Performance Indicator: Pupils can apply strategies to prevent desertification and deforestation.		
Week Ending	11-10-2024				
Class	B.S.8	Class Size:		Duration:	
Subject	Career Technology				
Reference	Career Technology Curriculum, Teachers Resource Park, Learners Resource Pack, Textbook.				
Teaching / Learning Resources	Pictures, Poster, Video.		Core Competencies:	<ul style="list-style-type: none">• Communication and Collaboration.• Critical Thinking and Problem Solving.• Creativity and Innovation.	
DAY/DATE	PHASE 1 : STARTER	PHASE 2: MAIN			PHASE 3: REFLECTION
MONDAY	Show Learners video and pictures of desertification and deforestation.	<div>1. Discuss the meaning of desertification and deforestation with the Learners.</div> <div>2. Learners brainstorm to identify causal factors of deforestation and desertification.</div> <div>3. Learners in small groups to explain how the causal factors of deforestation and desertification</div> <div>Desertification; Desertification is the process by which vegetation in drylands i.e. arid and semi-arid lands, such as grasslands or shrublands, decreases and eventually disappears.</div> <div>Deforestation; Deforestation refers to the decrease in forest areas across the world that are lost for other uses such as agricultural croplands, urbanization, or mining activities.</div> <div>Causes of Deforestation;<div>1. Direct causes of deforestation are agricultural expansion</div><div>2. wood extraction (e.g., logging or wood harvest for domestic fuel or charcoal)</div><div>3. infrastructure expansion such as road building and urbanization. Rarely is there a single direct cause for deforestation</div></div> <div>Causes of desertification;<ul style="list-style-type: none">• Overgrazing.• Deforestation.• Farming Practices.• Excessive Use of Fertilizers and Pesticides.</div>			<div>Each group to report on their discussions.</div> <div>Exercise;</div>

		<ul style="list-style-type: none"> • Over drafting of groundwater. • Urbanization and Other Types of Land Development. • Climate Change. • Stripping the Land of Resources <p style="text-align: center;">The Causes of Desertification</p> <hr/> <p style="text-align: center;">Natural Disasters and Human Activities</p> <ul style="list-style-type: none"> ▪ Extended periods of severe drought ▪ Changing macro climate ▪ Unsustainable farming practices ▪ Pressure of increasing populations/migrating populations ▪ Deforestation ▪ Overgrazing by animals ▪ Reduced land productivity leading to increased poverty 	
THURSDAY	Review learners knowledge on the previous lesson.	<ol style="list-style-type: none"> 1. Discuss the effects of deforestation with the Learners. 2. Learners in small groups to discuss the effects of desertification on the Ghanaian economy. 3. Each group to report on their discussions.  <p>Effects of Desertification;</p> <ul style="list-style-type: none"> ❖ higher threats of malnutrition from reduced food and water supplies ❖ more water- and food-borne diseases that result from poor hygiene and a lack of clean water ❖ respiratory diseases caused by atmospheric dust from wind erosion and other air pollutants ❖ the spread of infectious diseases as populations migrate. <p>Effects of Afforestation;</p> <ul style="list-style-type: none"> ❖ climate change ❖ desertification ❖ soil erosion ❖ fewer crops ❖ flooding ❖ increased greenhouse gases in the atmosphere ❖ a host of problems for Indigenous people. 	<p>Through questions and answers, conclude the lesson.</p> <p>Exercise;</p> <ol style="list-style-type: none"> 1. Explain 3 effects of the following; <ol style="list-style-type: none"> i. Deforestation ii. Desertification

		<div><h3>Effects of Deforestation</h3><div><p>Greenhouse Effect</p></div><div><p>Soil Erosion Effect</p></div><div><p>Affects Ozone Layer</p></div><div><p>Acidic Ocean</p></div><div><p>Affects Wildlife</p></div><div><p>Leads to Droughts</p></div><p>www.earthreminder.com</p></div>	
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School:

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