SECOND TERM WEEKLY LESSON NOTES WEEK 8

Week Ending: 26-05-2023		DAY:		Subject: Science			
Duration: 100mins		Strand: Humans		trand: Humans &	The Environment		
Class: B8 Clas		Class Size:		Sub Strand: Waste		Managen	nent Practices
Content Standard: B8.5.1.1 Demonstrate k management systems ar	nowledge nd apply it	of waste in an environment	Indicator: B8.5.1.1.1 Explain management pract	sustainable waste tices I of 2			Lesson: I of 2
Performance Indicator: Learners can explain the importance of conversion of energy and energy conservation in daily life.					cies: 5.1: Cl 6	.6:	
References: Science Cu	irriculum l	Pg. 77					
Phase/Duration	Learners	Activities		_		Resour	rces
PHASE I: STARTER	Ask learners to tell the class how they dispose of waste in their homes and school. Drill learners on the correct pronunciation and meanings of the new words.						
PHASE 2: NEW LEARNING	 Task learners in groups to discuss and come out with ideas to minimize waste in their classroom, school environment, homes and their communities. Have each group discuss measures of minimizing waste in the classroom, school environment, home, market, at the bus station, hospitals, church, mosque, beach, etc. Take learners responses and write them on the board. What is waste? What are the types of waste we produce in our homes, community or school? House hold food waste can also be used as? Brainstorm learners for the meaning of waste. Waste can also be described as an unwanted material which is no longer needed. It is usually discarded after its primary use. Guide learners to identify and describe the sources of waste. Waste can be generated from various sources. These include wastes from households, schools, offices, marketplaces, restaurants and other public places. Learners in groups identify the types of waste produced at homes, schools, offices, marketplaces, restaurants and other public places, Example: Solid wastes: These are wastes in solid forms. Solid waste includes sludge from a wastewater treatment plant and water supply treatment 			Picture	es and charts		

	2. Liquid Wastes: These are wastes in a form of liquid form. Examples include domestic washings, chemicals, oils, waste water from ponds, manufacturing industries and other sources	
	Have learners in groups, classify waste as Biodegradable waste, Non-biodegradable wastes, Hazardous wastes and Non-hazardous wastes.	
	Learners do a presentation on their findings to the class for discussion.	
	1. Biodegradable waste: The waste materials that can be broken down or decomposed into simple forms in nature by the action of microorganisms such as bacteria.	
	2. Non-biodegradable wastes: These are the waste materials that cannot be decomposed or broken down by natural organisms or agents.	
	Assessment	
	What is a waste?	
	Identify the types of waste and give one example in each case.	
PHASE 3:	Use peer discussion and effective questioning to find out from	
REFLECTION	learners what they have learnt during the lesson.	
	Take feedback from learners and summarize the lesson.	

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Duration: 100mins		Strand: Human		trand: Humans &	& The Environment		
Class: B8 Class Size:				S	ub Strand: Waste	Managen	nent Practices
Content Standard: B8.5.1.1 Demonstrate knowledge of waste management systems and apply it in an environment			Indicator: B8.5.1.1.2. Apply knowledge of waste management practices to manage wast community			te in a	Lesson: I of 2
Performance Indicator: Core Competer Learners can apply knowledge of waste management practices to manage DL 5.3: CI 6.8: DL waste in a community DL 5.3: CI 6.8: DL					cies: 5.1: Cl 6.6:		
References: Science Cu	Irriculum	Pg. 77					
Phase/Duration	Loorpore					Pasaurcas	
PHASE I: STARTER	Revise w	vith learners on the D	revious lesson.			Resources	
	Share lea	arning indicators and	introduce the lesso	on.			
PHASE 2: NEW LEARNING	Revise with learners to explain key terms;Pictures and chartsWaste management and sustainable management.				es and charts		
	 Outline approaches to waste management in promoting sustainable management. <i>I.</i> Waste Reduction and Prevention: Promoting awareness and education on waste reduction practices. Encouraging responsible consumption and production patterns. Implementing policies and regulations to reduce packaging waste and single-use items. Encouraging product design that emphasizes durability, reusability, and recyclability. 2. Recycling and Resource Recovery: Establishing comprehensive recycling programs for various types of materials, such as paper, plastics, metals, and glass. Developing infrastructure and facilities for sorting, processing, and 						
	 Prom Prom Enco incer Composition Imple organ Enco Prom susto 	ling waste. noting the use of recycl uraging the public to p ntives and convenient c osting and Organic Wo ementing programs for nic waste. uraging backyard or co noting the use of comp ninable alternative to cl	ed materials in manu participate in recycling ollection systems. aste Management: the separation and co ommunity composting ost in agriculture and hemical fertilizers.	tfac g þ cor g in	cturing processes. rograms through mposting of hitiatives. ndscaping as a		

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