

# *EaD Comprehensive Lesson Plans*



or



0248043888

<https://www.TeachersAvenue.net>

<https://TrendingGhana.net>

<https://www.mcgregorinriis.com>

**BASIC 8**

**WEEKLY LESSON PLAN – WEEK 7**

<b>Strand:</b>	Humans and the Environment		<b>Sub-Strand:</b>	Waste Management	
<b>Content Standard:</b>	B8.5.1.1 Demonstrate knowledge of waste management systems and apply it in an environment				
<b>Indicator (s)</b>	B8.5.1.1.1 Explain sustainable waste management practices.		<b>Performance Indicator:</b> Learners can identify the effects of waste management in their Communities.		
<b>Week Ending</b>	19-05-2023				
<b>Class</b>	B.S.8	<b>Class Size:</b>		<b>Duration:</b>	
<b>Subject</b>	Science				
<b>Reference</b>	Science Curriculum, Teachers Resource Pack, Learners Resource Pack, Textbook.				
<b>Teaching / Learning Resources</b>	Charts, Poster, Pictures, Video showing ways of managing Waste, Power Point Presentation		<b>Core Competencies:</b>	<ul style="list-style-type: none"><li>• Critical thinking</li><li>• Problem solving</li><li>• Communication and Collaboration.</li></ul>	
<b>DAY/DATE</b>	<b>PHASE 1 : STARTER</b>	<b>PHASE 2: MAIN</b>			<b>PHASE 3: REFLECTION</b>
<b>MONDAY</b>  <b>15-05-2023</b>	Discuss with Learners the meanings of keywords and terminologies in the lesson.  <b>Keywords;</b> <ul style="list-style-type: none"><li>• Management</li><li>• Sustainable</li><li>• Recycling</li><li>• Waste</li><li>• Reuse</li><li>• disposal</li></ul>	1. Using a Power Point Presentation, explain the concept of Waste management. 2. Assist Learners to identify examples of waste management practices. 3. Discuss with Learners about 4 types of waste management.  <b>Waste management;</b>  Waste management is intended to reduce adverse effects of waste on human health, the environment, planetary resources and aesthetics. The aim of waste management is to reduce the dangerous effects of such waste on the environment and human health.  <b>Types of waste management</b> <ul style="list-style-type: none"><li>• Landfill.</li><li>• Incineration.</li><li>• Waste compaction.</li><li>• Composting.</li><li>• Vermicomposting.</li></ul>			Through questions and answers, conclude the lesson.  <b>Exercise;</b>  1. What is Waste Management? 2. State 5 types of Waste Management Practices.



### The 5 practices of waste management



### The 5 R's: Refuse, Reduce, Reuse, Repurpose, Recycle

- **Refuse:** the first element of the 5 R's hierarchy.
- **Reduce:** the use of harmful, wasteful, and non-recyclable products.
- **Reuse**
- **Repurpose.**
- **Recycle.**

**THURSDAY**  
**18-05-2023**

Learners brainstorm to explain the concept of "Sustainable Waste Management".

1. Discuss with Learners on reasons why sustainable waste management is important.
2. Assist Learners to identify approaches of waste management in promoting sustainable management.
3. Learners in small groups brainstorm to identify 5 importance of sustainability in waste management.

#### **Sustainable Waste Management;**

Sustainable waste management aims to keep materials in use for as long as possible and minimize the amount of solid waste that is disposed of in landfill or through incineration.





#### **Waste Management Strategies;**

- Go paperless.
- Incinerate waste.
- Donate anything useful.
- Reduce, reuse, recycle.

Reflect on the importance of sustainability in waste management.

#### **Exercise;**

1. What is Sustainable Waste Management?
2. Explain 4 reasons why sustainability in waste management is important.

		<ul style="list-style-type: none"> <li>• Compost your lunches.</li> <li>• Anaerobic digestion of waste.</li> <li>• Waste collection.</li> <li>• Educating the masse</li> </ul>  <ul style="list-style-type: none"> <li>• Use a reusable bottle/cup for beverages on-the-go.</li> <li>• Use reusable grocery bags, and not just for groceries.</li> <li>• Purchase wisely and recycle.</li> <li>• Compost it!</li> <li>• Avoid single-use food and drink containers and utensils.</li> </ul>	
<b>FRIDAY</b>  <b>19-05-2023</b>	Learners brainstorm to identify the proper ways of waste management.	<ol style="list-style-type: none"> <li>1. Discuss the meanings of the Proper ways of waste management with the Learners.</li> <li>2. Assist Learners to describe ways of reducing waste in the community.</li> <li>3. Learners in small groups to discuss and report to the class on how to reuse waste management</li> <li>4. Assist Learners to identify ways of recycling waste.</li> </ol> <p><b>Proper ways of Waste management;</b></p> <ul style="list-style-type: none"> <li> Reduce</li> <li> Reuse</li> <li> Recycle</li> </ul> <p><b>Reduce</b></p> <ul style="list-style-type: none"> <li>• Purchase only what food and other supplies you need. Purchasing less means you'll have less to dispose of later.</li> <li>• opt out of junk-mail by registering with the Direct Marketing Association.</li> <li>• Avoid creating trash whenever possible. When ordering food, don't take any unnecessary plastic utensils, straws, etc. (ask in advance), don't accept "free" promotional products and</li> </ul>	Learners brainstorm to differentiate between reuse and recycling of waste

		<p>buy products with the least amount of packaging.</p> <ul style="list-style-type: none"><li>• Pack a waste-free lunch with no throwaway bags, containers, plastic wrap, etc. Use reusable containers to store food instead.</li><li>• Avoid single-use items like juice boxes, soda bottles, paper dinnerware or plastic utensils. Buy cleaning supplies and other non-perishable materials in bulk to cut down on packaging.</li></ul> <p><b>Reuse</b></p> <ul style="list-style-type: none"><li>• Donate usable clothing, appliances, furniture and other items to non-profits or second-hand stores in your area. Not only will you reduce the amount of waste you produce, you'll also help others in your community.</li><li>• Switch from disposable to reusable items like plastic or metal food or beverage containers, refillable razors and pens, and washable kitchen towels and diapers.</li><li>• When remodeling or making improvements to your home, donate usable items like cabinets, lighting, appliances, lumber, flooring and windows to construction resale shops. Habitat Restores are a great option.</li><li>• Start a swap with your friends or co-workers to trade items like books, clothing, computer equipment and games. Something you're no longer interested in could be a great find for a friend.</li><li>• Bring your own shopping bags to the grocery store, mall and other stores.</li></ul> <p><b>Recycle</b></p> <p>Recycle in your home and workplace. Many communities have expanded the range of materials they collect - you may be surprised at what new materials are being collected. To see what recyclables are accepted by your community, visit <a href="#">Recycle More Wisconsin</a>.</p> <p>Clear out the electronics that have been collecting dust in your closet. E-Cycle Wisconsin offers a list of recyclers for televisions, computers, computer accessories and more. Most items can be collected for a small fee or for free.</p>	
--	--	--	--

		 <p>The infographic illustrates the 5 R's of sustainability in a horizontal sequence. It features five circular icons connected by a line. From left to right: 1. A blue plastic bottle with a red 'X' over it, labeled 'REFUSE' with the subtext 'Know how to say no to whatever's not essential'. 2. A potted plant with a pink flower, labeled 'REDUCE' with the subtext 'Adopt minimalist tendencies'. 3. A yellow plastic bag with a recycling symbol, labeled 'REUSE' with the subtext 'Give items a second life'. 4. A green recycling symbol, labeled 'RECYCLE' with the subtext 'Prioritize recyclable packaging'. 5. A red mushroom, labeled 'ROT' with the subtext 'Compost all organic waste'.</p>	
--	--	---	--

*Name of Teacher:*

*School:*

*District:*