**LESSON DEVELOPMENT ONE**

**REFUSE OR WASTE DISPOSAL**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction**  **(10 minutes)** | Ask pupils the following questions –  What is waste?  Differentiate between the type of waste.  Ask them to describe the duties and responsibilities of LAWMA  Teacher’s remark – In today’s lesson, we are going to learn how we waste disposal. | Waste are materials such as spoil food, animal remains, refuse, etc. that are no longer useful and must be thrown away.  Solid (refuse) waste are peels of fruits, pieces of paper, empty cans, etc. that are no longer useful. While liquid waste (sewage) are waste in liquid form such as water, oil, etc.  Lagos State Waste Management Authority. LAWMA manage waste generated in the Lagos and ensure cleaner State.  Listen to the teacher’s remark and lesson’s introduction – Waste Disposal | Linking the Previous knowledge to the new lesson |
| **Step 2**  **Development**  **(5 minutes)**  **Grouping** | 1. Groups the learners into four groups – A, B, C, and D.  2. Guide the learners to choose a leader and secretary for your group.  3. Gives each group learning materials – Waste bins and chart showing different of waste. | 1. Belong to a group.  2. Choose their leader and secretary.  3. Received learning materials for their group. | Learner’s group, leader and secretary confirmed. |
| **Step 3**  **Development**  **(5 minutes)** | Before or after assembly, some of you (especially the late comers) are asked to pick the all pieces of paper and other unwanted (harmful) materials within the school compound. True/False?  Ask the pupils to be honest, after the picking if not monitored, some of will throw the waste into the school’s waste bins while some will not. True/False.  During the break or when you asked the for permission to ease yourself, some of you will make used of the toilet while some will not. True/False.  Good response from you all, put your hands together for yourself.  If you make use of waste bins for disposing waste, it is called proper waste disposal. But if you don’t, it called improper waste disposal. Differentiate between proper and improper waste disposal with example. | Listen to the teacher’s comments and answer his/her question.  True.  True  True.  Proper waste disposal involves putting all waste in their proper place. For example, pieces of paper goes to the waste bins and make use of toilet to dispose body’s waste. While improper waste disposal is the opposite of proper waste disposal. For example, litter pieces of paper, urinating or defecating anywhere. | Proper and Improper Waste Disposal |
| **Step 4**  **Development**  **(10 minutes)** | Guide the pupils to identify and discuss/describe different ways (methods) of disposing waste with example of waste under the following headings –  Burning  Burying | Groups work. | Groups Evaluation |
| **Step 5**  **Development**  **(5 minutes)** | Asks each group to present their answers so that you can compare responses with those of other groups.  Call on one or two groups for presentation. | Presentation | Presentation |
| **Step 6**  **Conclusion**  **(5 minutes)** | To conclude the lesson, the teacher revises the entire lesson and ask the key questions.  **SUMMARY – Waste are unwanted materials in the school, home, market, etc.**  **Waste disposal is keeping all the unwanted materials (rubbish) in their proper place.**  **Method of Waste Disposal**  **1. Open air burning or the use of incinerators.**  **2. Refuse van or bins.**  **3. Burying in pits.** | The learners listen, ask and answer questions. | Lesson Conclusion |