**LESSON DEVELOPMENT THREE**

**IMPORTANCE OF MANURE AND FERTILIZERS ON THE SOIL**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction**  **(5 minutes)** | Better crops are crops that produce high yield. For crops to produce well, the soil for growing the crops must be rich in nutrients. A soil rich in nutrients is called fertile soil.  If a soil loose its nutrients, crops cannot grow well. What can you do to add nutrients to the soil.  What is fertilizer?  Teacher’s remark – Soil nutrients are very important to grow better crops. If a soil loose its nutrients, it is very important to add fertilizer to enrich the soil. | Listen to the teacher’s explanation.  To add nutrients to the soil, we need fertilizer.  Fertilizer is any material added to the soil to increase its nutrients. There are two types of fertilizer – organic and inorganic fertilizer.  Listen to the teacher’s remark and lesson’s introduction – Importance of Manure and Fertilizers on the Soil. | 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 – seeds or seedlings. | 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**  **(10 minutes)** | Ask pupils, why do you have to eat three square meals?  What happens to animals too, if they do not eat?.  It is very important that we eat adequately to grow well and strong. Just like man and animals that must eat well to grow well and strong, plants need the soil nutrients to produce better crops. | We eat three square meals in order –  1. to grow strong and healthy,  2. to improve and increase our immune system,  3. to protect our bodies from sick and diseases,  4. to stay alive, etc.  It will get sick and die if there is no food for many days.  Listen to the teacher’s remark. | Importance of Meals to Man and Animals. |
| **Step 4**  **Development**  **(10 minutes)** | Manure and Fertilizers are very important for plants to produce better crops.  What are the importance of manure and fertilizer on the soil. | 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 two or representatives 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 – Importance of Manure and Fertilizers on the Soil**  **The importance of manure and fertilizer on the soil are –**  1. It helps crops to grow strong and tall.  2. It makes crops develop large leaves.  3. It helps crops to produce good fruits and seeds.  4. It protects crops against diseases.  5. It improves soil structure. | The learners listen, ask and answer questions. | Lesson Evaluation and Conclusion |