L**EMERALD ROYAL INTERNATIONAL SCHOOL, MPAPE ABUJA**

**LESSON PLAN AND NOTE FOR WEEK 4 ENDING FRIDAY, 3RD FEBRUARY, 2023**

**TERM:** SECOND TERM

**WEEK:** Week 4

**SUBJECT:** Basic science

**TOPIC:**  soil

**SUB - TOPIC: what reduces the usefulness of soil**

**DATE:**10 - 01 - 2023

**DURATION**: 40 minutes

**TIME:** 11:50 - 12:30

**PERIOD:** 6th

**CLASS**: grade 2

**AVERAGE AGE**: 6+

**SEX:** mixed

**LEARNING OBJECTIVES:** by the end of the lesson, pupils should be able to;

1. State the causes of soil reduction
2. State the ways to protect soil from loosing its value

**RATIONALE:** pupils to define soil and state where it is formed from

**PREVIOUS KNOWLEDGE:** pupils are yet to acquire knowledge as this is a new term

**INSTRUCTIONAL MATERIALS:** any garden around

**Reference:** foundation of basic science and technology book 3, by Chris Ijiyemi

**LESSON DEVELOPMENT**

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| **STAGES** | **TEACHER’S ACTIVITIES** | **PUPILS ACTIVITIES** | **LEARNING POINT** |
| **INTRODUCTION** | The teacher introduces the lesson by first writing the topic on the board and then ask the pupils to read it out. | The pupils read out the topic from the board | To prepare pupils mind for learning |
| **PRESENTATION**  **STEP 1** | Soil may become useful to plants and animals if it is well taken care of. Some of the things that cannot make soil useful are as follows;   1. Flood 2. Weed 3. Loss of nutrient 4. Erosion 5. Dumping of poisonous waste from companies and industries | Pupils read out the note on the board | To make the class lively |
| **STEP 2** | The protection of soil from loosing its value   1. Planting of cover crops 2. Planting of trees and flowers in the surrounding to reduce wind speed or wind erosion 3. Appling fertilizer or manure to the soiln1 4. Avoid bush burning 5. Prevent over grazing of animals on grasses and legumes 6. Reduce the use of heavy machine on the soil. 7. Prevent oil spailage 8. Practice good farming method 9. Practice mulching- covering the soil surface with grasses and leaves of plants to protect it from direct sunlight. | The pupils enumerate way of protecting soil from loosing its value | Participation |
| **Summary** | 1. The teacher summarises by saying that ‘ soil can loose its value if it is not properly taken care of. ‘ | Pupils pay attention to the teacher | For clarification |
| **Conclusion** | The teacher concludes by guiding the pupils in copying note | The pupils copy and submit for marking | For future purpose |
| **Assignment** | State three ways to protect soil from loosing its value | Pupils takes their home work home and do | To encourage learning at home |

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**3RD FEBRUARY 2023**

**DEPUTY HEAD INSTRUCTOR ADMIN**

**NB: APPROVED!**