**LESSON PLAN/NOTE FOR WEEK 9 [NINE] ENDING 3RD MARCH 2023.**

**TERM : SECOND**

**WEEK: EIGHT**

**DATE : 10 MARCH 2023**

**CLASS: JSS THREE**

**SUBJECT: BASIC TECHNOLOGY**

**TOPIC : BUILDING**

**SUB- TOPIC ; FOUNDATION**

**PERIOD : 8 AND 9**

**TIME : 11:10-11:50**

**DURATION : 40 MINUTE**

**NO IN CLASS: 13**

**AVERAGE AGE: 12 YEARS**

**SEX: MIXED**

**SPECIFIC OBJECTIVE : By the end of the lesson the student should be able to ;**

1. **Define foundation**
2. **State the types foundation**
3. **Draw and explain various types of foundation**

**RATIONALE: To introduce to the student the concept of concept building technology**

**PREVIOUS KNOWLEDGE: The student are familiar with the topic.**

**INSTRUCTION MATERIALS: Charts, pictures and diagram from the reference material.**

**REFERENCE MATERIALS: Comprehensive basic technology for junior secondary school. By A Adelekan.**

**LESSON DEVELOPMENT**

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| **STEPS** | **TEACHERS ACTIVITY** | **STUDENTS ACTIVITY** | **LEARNING POINT** |
| **INTRODUCTION** | **The teacher introduces the lesson by reviewing the previous lesson** | **The students participate in the class discussion.** | **To arouse the students interest** |
| **STEP 1** | **The teacher guides the students to define foundation** | **The students answer the question** | **To encourage critical thinking.** |
| **STEP 2** | **The teacher asks the student to state types the types of foundation** | **The student state the types of foundation e g , spreed foundation,pier foundation ‘pile foundation, e t c** | **To ensure proper understanding** |
| **STEP 3** | **The teacher explain in details the various types of foundation** | **The student pay attention to the teachers explanation** | **To ensure good understanding** |
| **BOARD SUMMARY** | **FOUNDATION**  **The foundation is the portion of a building , which rest directly to the ground . it supports the live and dead load of a building. The live load are the weight of people ,furniture ,and any other thing in the building which can be moved . the dead loads are the weight of walls ,floors,roofs, windows and doors frames and any other fixed objects in the building.the lowest part of the foundation is sometimes called footing.**  **TYPES OF FOUNDATION**   * **Spreed foundation** * **Mat foundation** * **Pier foundation** * **Pile foundation**     **Spreed foundation**  **A spreed foundation is a slab of reinforced concrete placed below and extending beyond the outer edge of the walls and columns of a building.**  **images (6) Spreed**    **Mat foundation**  **A mat foundation is a continuous thick slab of reinforced concrete placed under the whole ground area of the building**    **images (7)**  **Mat** | **The student ask question for clarification** | **To create room for slow learners** |
| **EVALUATION** | **The teacher evaluate the student with following question.**   1. **Define foundation** 2. **Describe 2 types of foundation** | **The student attempt the question** | **To ascertain the student understanding** |
| **CONCLUSION** | **The teacher end the lesson by marking the student note** | **The student submit their note for marking and correction** | **For future use.** |

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**3RD MARCH 2023**

**DEPUTY HEAD INSTRUCTOR ADMIN**

**NB: APPROVED!**