**LESSON/NOTE PLAN FOR WEEK 4 ENDING 3RD MARCH 2023.**

**TERM: SECOND**

**WEEK: FOUR**

**DATE: 2ND MARCH 2023**

**CLASS: JSS THREE**

**SUBJECT: BASIC TECHNOLOGY**

**TOPIC: DRAWING PRACTICE**

**SUB-TOPIC: ORTHOGRAPHIC DRAWING**

**PERIOD: 5th**

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

**DURATION: 40 MINUTES**

**NO IN CLASS: 13**

**AVERAGE AGE: 12-13 years**

**SEX: Mixed**

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

1. **Define Orthographic drawing**
2. **State the advantage and disadvantage of orthographic**
3. **Draw orthographic of different shapes**

**RATIONALE: To introduce to the student the concept of technical and engineering drawing.**

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

**INSTRUCTIONAL RESOURSE: Charts , pictures, diagram from the reference material.**

**REFERENCE MATERIAL[S]: Comprehensive basic technology for junior secondary school by**

**B A Adelekan.**

**LESSON DEVELOPMENT**

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| **STEPS** | **TEACHERS’ ACTIVITY** | **STUDENT’S ACVITITY** | **LEARNING POINT** |
| **INTRODUCTION** | **The teacher introduces the topic by reviewing the previous lesson** | **The students participate in the discussion** | **To arouse the students learning interest** |
| **STEP 1** | **The teacher guides the students to define orthographic drawing** | **The students define orthographic** | **To ensure proper understanding** |
| **STEP2** | **The teacher leads the students to state advantage and disadvantage of orthographic drawing** | **The students state the advantage and disadvantage of orthographic drawing** | **To ensure good proper understanding.** |
| **STEP 3** | **The teacher draw different shapes of object and explain the principles of orthographic drawing** | **The students pay attention as the teacher explain** | **To ensure proper understanding** |
| **BOARD SUMMARY** | **ORTHOGRAPHC DRAWING. The second broad class of drawings orthographic drawings. Orthographic drawing show all the details of an object and hence are the most useful of all technical drawing s.they are indispensable in the final stage s of design of an object or structure. They are the only drawing upon which fabrication or construction of object s, machines and structures can be based. Orthographic drawing is the best way of representing an object on a plane surface .**  **ADVANTAGE OF ORTHOGRAPHIC.**   1. **Each view shows visible and hidden details . the combination of two or more views gives a precise idea of the object.** 2. **Circles , arcs, and lines appear on the drawings exactly as they are on the object** | **The students ask question for more clarification** | **To create room for slow learners** |
| **EVALUATION** | **The teacher asks the students to**   1. **Define orthographic drawing** 2. **State two advantage of orthographic drawing** | **The students attempt the question** | **To ascertain the students understanding** |
| **CONCLUSION** | **The teacher end the lesson by marking the students note** | **The students submit their note for marking** | **For future use** |
| **HOME WORK** | **Draw the following isometric drawingortho** | **The students copy the question** | **To encourage learning at home** |

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**3RD MARCH 2023**

**DEPUTY HEAD INSTRUCTOR ADMIN**

**NB: APPROVED!**