**LESSON PLAN/NOTE FOR WEEK 5 [FIVE] ENDING 10TH FEBRUARY 2023.**

**TERM : SECOND**

**WEEK: FIVE**

**DATE : 9TH  FEBRUARY 2023.**

**CLASS: JSS ONE**

**SUBJECT: BASIC TECHNOLOGY**

**TOPIC : TOOLS AND MACHINES**

**SUB- TOPIC ; WOOD WORK CUTTING HAND TOOLS**

**PERIOD : 8 AND 9**

**TIME : 8:50-9:30**

**DURATION : 80 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 woodwork cutting hand tools**
2. **Describe wood work cutting hand tools**
3. **Draw and state the uses of various woodwork cutting hand tools.**

**RATIONALE: To introduce to the student the uses, care and maintenance of wood work hand tools.**

**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 woodwork cutting hand tools.** | **The students answer the question** | **To encourage critical thinking.** |
| **STEP 2** | **The teacher asks the student to describe woodwork cutting hand tools .** | **The student describe various woodwork hand tools e g saw, tenon saw, cross cut saw, panel saw,dovetail saw, fret saw, e t c** | **To ensure proper understanding** |
| **STEP 3** | **The teacher mention and explain in detail the common used woodwork cutting hand tools.** | **The student pay attention to the teachers explanation** | **To ensure good understanding** |
| **BOARD SUMMARY** | **WOODWORK CUTTING HANDS TOOLS.**  **The process of cutting by the use of a saw is called sawing. Sawing implies cutting through a material .**  **SAWS**  **A saw is a cutting tool, which consist of a metal plate ,rod or bar with teeth cut into one edge and attached to the handle usually made of a wood. This metal plate called saw blade is made of hardened and tempered .**  **TYPES OF SAWS**   1. **Rip saw; is designed for cutting along the grain of wood. This cutting form of cutting is called ripping.**   **RIP SAW**   1. **Cross cut saw; is designed for cutting across the grain of wood . its blade is usually 500-650mm long and has 6-8 teeth per 25.4mm.**   **CROSS CUT SAW**   1. **Key hole saw; is used for cutting small internal opening suck as keyholes and other internal curves**   **KEY HOLESAW** | **The student ask question for clarification** | **To create room for slow learners** |
| **EVALUATION** | **The teacher evaluate the student with following question.**   1. **Define woodwork cutting hands tools** 2. **Describe 3 types of wood work saw.** | **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.** |
| **HOME WORK** | **Draw and state the uses of the following saws.**   1. **Compass saw** 2. **Coping saw** 3. **Dovetail saw** 4. **Bow saw** 5. **Fret saw** | **The students copy the question** | **To encourage learning at home** |

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**10TH FEBRUARY 2023**

**DEPUTY HEAD INSTRUCTOR ADMIN**

**NB: Approved!**