**LESSON PLAN/NOTE FOR WEEK 8 [EIGHT] ENDING 3RD MARCH 2023.**

**TERM : SECOND**

**WEEK: EIGHT**

**DATE : 2ND  MARCH 2023**

**CLASS: JSS THREE**

**SUBJECT: BASIC TECHNOLOGY**

**TOPIC : TOOLS AND MACHINES**

**SUB- TOPIC ; WOOD WORK ABRASIVES**

**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 woodwork abrasive**
2. **State the types abrasive**
3. **Explain the types of abrasive**

**RATIONALE: To introduce to the student the concept of wood work 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 woodwork abrasive** | **The students answer the question** | **To encourage critical thinking.** |
| **STEP 2** | **The teacher asks the student to state types of abrasive** | **The student state the types of abrasives** | **To ensure proper understanding** |
| **STEP 3** | **The teacher explain in details the various types of abrasive** | **The student pay attention to the teachers explanation** | **To ensure good understanding** |
| **BOARD SUMMARY** | **WOODWORK ABRASIVES**  **Abrasives are are hard materials having multiples cutting edge used to wear away the surface of other softer materials. Abrasives may be classified into two. The first comprises natural substances and the second is made up of substances which are artificially prepared.**  **Abrasives exist as stones s grinding wheels,coated paper powders,polished and other.**    **TYPES OF ABRASIVES**   1. **Natural abrasives** 2. **Synthetic abrasives**   **NATURAL ABRASIVES**  **Natural abrasives which exist as natural substance used to be be very popular but their use in contemporary times has been eroded as a result of increasing preference for artificial abrasives e g**  **Flint**  **Quartz**  **Garnet**  **SYNTHETIC ABRASIVE**  **Synthetic abrasives are those ,which are manufactured through a chemical combination of two or more substances e g**  **Silicon carbide**  **Aluminium oxide**  **Steel wool** | **The student ask question for clarification** | **To create room for slow learners** |
| **EVALUATION** | **The teacher evaluate the student with following question.**   1. **Define woodwork abrasives** 2. **Describe 2 types of wood work abrasive** | **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: APROVED!**