**LESSON PLAN/NOTE FOR WEEK 2 ENDING 12/05/2023**

**Term**: 3rd

**Week**: 2

**Date**: 08/05/2023

**Class**: ss 1

**Subject**: Economics

**Topic**: Mining

**Sub-Topic**: meaning of mining, components and location

**Period**: first

**Time**: 8:10-8:50

**Duration**: 40 minutes

**Number in class:** 8 students

**Average Age**: 14 years

**Sex**: mixed

**Specific objectives**: By the end of the lesson, the students should be able to:

1. Define mining
2. State the components of mining.
3. Mention the location of mining in Nigeria.

**Rationale**: for the students to be able to identify the components of mining in Nigeria.

**Previous knowledge:** the students have seen mining activities and minerals in Nigeria.

**Instructional material:** A chart showing components of mining in Nigeria.

**Reference material**: Gbenga Babalola (2017) metropolitan economics for senior secondary schools.

**LESSON DEVELOPMENT**

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| **Stages/steps** | **Teacher’s Activities** | **Students’ Activities** | **Learning points** |
| **Introduction** | Review the previous lesson | Participate actively in the class discussion | To arouse the students interest to learn. |
| **Step 1** | Defines mining as: mining is the extraction of minerals and metals from the earth. | Listen carefully to the teacher. | For better understanding of the lesson. |
| **Step 11** | Asks the students to state the components of mining. | State the components of mining as: (1) crude oil (2)coal (3) iron ore etc. | To encourage critical thinking. |
| **Step 111** | Guides the students to mention the location of mining in Nigeria. | Respond to the class activity. | To enable the students to reason logically. |
| **Board summary** | Summarizes the lesson as:  **Meaning of mining**  Mining is the extraction of minerals and metals from the earth. Crude oil, gold, zinc are the products of mining activities. Mining is a primary production.  **Components of mining and location**   1. Crude oil: petroleum is a sedimentary rock minerals found in port harcourt (rivers state), warri, ugheli (both in delta state), Akwa Ibom state and Imo state etc. 2. Coal: coal is another source of power. It is found in Enugu and okaba in Benue state. The type of coal in Nigeria is the sub-bituminous grade . 3. Iron ore: this is a basement complex rock mineral found in itakpe (kogi state) and Aladja in delta state. It is the bases of iron and steel complex. 4. Tin and columbite: this are complex rock minerals found near Jos (plateau state). tin is used in coating containers and canning industry while columbite is used in manufacturing of heat resistant steel. 5. Limestone: limestone is a sedimentary rock minerals found in Ewekoro and Shagamu in ogun state, ukpila (Edo state), calabar (cross river), Nkalagu (Anambra state). 6. Lead and zinc etc. | Copy and submit the note book for marking . | For future reference. |
| **Evaluation** | Evaluates the lesson as:   1. Define mining 2. State 5 components of mining in Nigeria 3. Mention 5 location in Nigeria where mining is carried out. | Respond the questions | Ascertaining the attainment of the stated objectives. |
| **Conclusion** | Rounds up the lesson by marking and correcting students work. | Check and do their correction. | Consolidation of the lesson |
| **Assignment** | Gives home work as:   1. Mention and explain 10 importance of minerals to the Nigerian economy | Respond by doing the home work at home | To ensure continuity of learning. |



11/5/2023

Principal Head Instuctor