**LESSON PLAN/NOTE FOR WEEK 2 ENDING 12TH MAY, 2023**

Subject Business Studies

Topic: Need for Monitoring and Control of Chemicals

Sub Topic: Consumer and Society

Date: 8th/9th, 2023

Duration: 80minutes

Period: 11:10am -11.50am/11.50am -12.30pm

Class: J.S.S. 1

Number in Class: 17

Average Age: 11

Sex: Mixed

**Learning Objectives:** By the end of the class, students should be able to;

1. Explain the meaning of chemicals.
2. Distinguish between Chemicals suitable and not suitable for use.
3. Explain the need for monitoring and controlling chemicals suitable and not suitable for use.

**Rationale/Importance:** To enable pupils know the meaning of chemicals, to distinguish between chemicals suitable and not suitable for use and explain the need for monitoring and controlling chemicals suitable for use.

**Previous Knowledge:** Pupils have been taken to the school laboratory to see and note how chemicals are labelled, handled and used.

**Instructional Resources**: Pupils minds were drawn to samples of chemicals in their textbooks and also samples of chemicals stored in the school laboratory.

**Reference Materials:** WABP Junoir secondary Business studies book 1, by Egbe t. Ehiametalor et al and Metropolitan Business Studies 1 by Anjorin olajumoke Adeola.

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| **STEPS** | **TEACHER’S ACTIVITIES** | **STUDENT’S ACTIVITIES** | **LEARNING POINT** |
| Introduction | Reviews the previous lesson. | Participates in the discussion. | To arouse student’s interest and review the previous knowledge. |
| Step 1 | Ask pupils to explain the meaning of chemicals. | They respond according to their level of understanding. | To enable pupils know the meaning of the concept. |
| Step 2 | Leads discussion on chemicals suitable and not suitable for use | Pupils listen attentively. | For proper understanding of the topic. |
| Step 3 | Guides students to explain the need for monitoring and controlling chemicals suitable for use and not suitable for use | Participate in the discussion. | To encourage critical thinking and better understanding of the topic. |
| Summary | Summarizes lessons with the key point**:**  Meaning of Monitoring: Monitoring means keeping a person in check or on guard to ensure that he/she is complying with rules and regulations.  Meaning of Chemicals: A chemical is defined as any substance which is capable of breaking down or combining with its kind or other substance under a suitable environment to become a new substance.  A chemical can be a solid, liquid or gas.  Examples of solid chemicals are ice and gold.  Examples of a liquid chemical are water and petrol.  Example of gaseous chemicals are air and cooking gas.  **CHARACTERISTICS OF CHEMICALS SUITABLE FOR USE;**   |  |  | | --- | --- | | Non Hazardous Chemicals | Hazardous Chemicals | | Safe | Dangerous | | Harmless | Harmful traits particularly when ingested or by mere contact. | | Canbe inhaled or ingested. | Destructive to life and the environment | | Non toxic | Toxic | | Non - Irritant | Irritant | | Non corrosive | Corrosive | | Non radioactive | Radioactive | | Non Flammable | flammable |   **NEED FOR MONITORING AND CONTROLLING FOOD, DRUGS AND CHEMICALS;**  NAFDAC regulates, monitors and controls the importation, manufacture, advertisement, distribution, sale and use of foods, drugs and chemicals.   1. To ensure compliance with standard specifications designated and approved by the council. 2. Enable appropriate investigation into the production premises and raw materials. 3. Establish relevant quality assurance system. 4. Monitor the utilization of controlled chemical substances. 5. Scrutinize the disposal records of chemicals. 6. Ensure non diversion of chemical for illicit usage. 7. Ensure that chemicals are not sold in residential a | Copy down lesson in their note books | For reference point while studying. |
| Evaluation | Asks pupils to explain what they understand by chemicals and mention three forms of chemicals they have been taught | Pupils responds to the question. | For proper understanding of the topic. |
| Conclusion | Rounds off lesson by checking the work done by the scholars, marking and making corrections where necessary | Identify their mistakes and do the needful | For proper recognition of the concept. |
| Assignment | Ask pupils to list two effects of lack of monitoring of foods, drugs and chemicals. | Answer in their note books and submit for marking | To encourage onward study at home. |



12th May 2023

Deputy Head Instructor Admin

NB: APPROVED!