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| Name of teacher | | | Alor Onyinye .A | | |
| Date | | | 02/09/24 | | |
| Class | | | SS 1 | | |
| Subject | | | Chemistry | | | No of contacts/week | | 4 | |
| Topic | | | Introduction to chemistry. | | | Current contact for the week | | 4/4 | |
| Objectives | | | By the end of the lesson ,learners should be able to ; | | | | | Evaluation | | | 1. list and explain 4 applications of chemistry? | | | | | Yes | No |
| i | List and explain the applications of chemistry. | | | | | | |  | | | | | | | |  |  |
| Ii | State the adverse effects of chemistry. | | | | | | | 2) State 2 effects of chemistry to man? | | | | | | | |  |  |
| Iii | Explain scientific method of analysis and the various steps used in analysis. | | | | | | | 3) As a chemist explain the first 3 steps you can use to investigate scientific problem? | | | | | | | |  |  |
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| Previous Knowledge | | | | | Learners have been taught definition of chemistry, its branches and uses and carrier prospects tied to chemistry | | | | | | | | | | | |  |
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| Entry Behavior | | | |  | | | | | | | | | | Time | | | 5 min |
| Teacher ask the learners to submit their assignments and corrects them in difficult areas. | | | | | | | | | | | | | | | | | |
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| Set Induction | | | |  | | | | | | | | | | | | | 3 min |
| Teacher set induces the learners by asking the following questions pointing at them randomly; | | | | | | | | | | | | | | | | |  |
| i)What is chemistry?  ii) Mention the different branches of chemistry?  iii)Explain how chemistry supply the basic needs of man. | | | | | | | | | | | | | | | | |  |
| **Exploration**  **Stage 1**  **Stage 2**  **Stage 3** | | Teachers role | | | | | Students’ role | | Teaching technique | | | Teaching aid | Time | | Yes | | No |
| Introduction ; teacher uses animation pictures of the areas or industries that depend on chemistry to produce valuable products for human consumptions and economic well-being of man, which include;  1) Chemical and petrochemical industries.  2) Metallurgical industries.  3) Pharmaceutical industries.  4) Agricultural industries | | | | | Watch, listen and ask questions. | | Explanation and demonstration | | | Animation pictures | 5 min | |  | |  |
| Teacher list some of the adverse effects of chemistry;   1. Corrosion 2. Pollution 3. Drug abuse etc | | | | |  | |  | | | Marble board | 2 | |  | |  |
| Teaches explains scientific methods of investigating problems using a flow chart | | | | | Listen, watch and ask questions. | | Explanation and repetition. | | | Picture, marble board | 3 | |  | |  |
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| **Engagement** | | Teachers role | | | | | Students’ role | | Teaching technique | | | Teaching aid | Time | | Yes | | No |
| Discussion | | Teacher engages in a discussion session with the learners to find out if they understand the lesson using the evaluation questions as guide. | | | | | Answer questions | | Explanation and questioning | | | Marble board | 3 min | |  | |  |
| Reemphasis | | Teacher explains difficult areas | | | | | Listen | |  | | |  |  | |  | |  |
| Application | | Teacher plays a 2 minutes video ; chemical industries and their effects on man | | | | | Watch and listen | | Explanation and repetition | | | Audio visual videos | 2 min | |  | |  |
| Evaluation | | Teacher evaluates the learners using the evaluation questions above. | | | | | Answer questions | | Demonstration | | | Marble board | 2 | |  | |  |
| Summary | | Teacher summarizes the lesson by writing note on the marble board for the students to copy. | | | | | Copy note in their exercise books | | demonstration | | | Marble board | 20 min | |  | |  |
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