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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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