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| **CHEMISTRY SECONDARY SCHOOL**  **SCHEME OF WORK**  **TEACHER’S NAME : SUBJECT: CHEMISTRY CLASS : S.2 STREAM; TERM: I YEAR: 2025** | | | | | | | | |
| **Week** | **Period** | **Theme And Topic** | **Competency** | **Learning Outcomes** | **Teaching/Learning Resources** | **Methodology And Techniques** | **References** | **Remarks** |
| 01  01 | 12  02 | Theme: Acids and Alkalis  CHAPTER :  ACIDS AND ALKALIS  Theme: Acids and Alkalis  Topic: SALTS | The learner should be able to appreciate the properties and importance of acids, bases and salts in everyday life  The learner appreciates that acids and alkalis form salts. | By the end of this chapter, the learner should be able to;  -Recognise that locally available materials and substances are either acidic or alkaline  -Understand the concept of pH as a measure of the strength of acids and alkalis.  -Understand the reaction between acids and alkalis.  By the end of this chapter, the learner should be able to;  -Be familiar with and be able to carry out neutralisation reactions to prepare salts.  -Know and appreciate the uses of common salts in everyday life. | -Videos  -Charts  -Photos  -ICT resources  -Lab apparatus  -Chalk board  -markers  -stick notes  -learner’s guide  -teacher’s guide   * Videos * Charts * Photos * IT resources * Lab apparatus | -Guided group discussion  -Guided Research  -Guided Discovery and Explanation  -Brainstorming  -creating a mind map  -Guided group discussion  -Guided Research  -Guided Discovery and Explanation  -Brainstorming  -creating a mind map | -Learner’s guide  -Teacher’s guide  -Understanding O’level chemistry by Livingstone Kaweesi  -New certificate chemistry,4th edition by Atkinson A  -New Complete Junior Chemistry by Atkinson A and Saleh Z  -Chemistry 7th edition; McGraw-Hill  -O’level chemistry for East Africa by Sinclair M  -Learner’s guide  -Teacher’s guide  -Understanding O’level chemistry by Livingstone Kaweesi  -New certificate chemistry,4th edition by Atkinson A  -New Complete Junior Chemistry by Atkinson A and Saleh Z |  |

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| 02 | 02 |  | The learner appreciates that acids and alkalis form salts. | Learners should be able to;   * Know and appreciate the uses of common salts in everyday life (k, s) | * Videos * Charts * Photos * IT resources * Lab apparatus | -Guided group discussion  -Guided Research  -Guided Discovery and Explanation  -Brainstorming  -creating a mind map | * Teacher’s and learner’s notes * Chemistry workbooks * Learner’s Books and Teacher’s guide * O’level chemistry by Kaweesi Livingstone * New certificate chemistry |  |

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| 03 | 02 | Theme: THE PERIODIC TABLE  Topic: THE PERIODIC TABLE | The learner investigates the diversity of the elements in the Periodic Table. | Learners should be able to;  -understand that elements can be grouped into metals and non- metals and relate the physical properties of metals and non-metals to their uses (k, u, s) | * Videos * Charts * Photos * IT resources * Lab apparatus | * Guided group discussion * Guided Research * Guided Discovery and Explanation * Brainstorming | * Teacher’s and learner’s notes * Chemistry workbooks * Learner’s Books and Teacher’s guide * O’level chemistry by Kaweesi Livingstone * New certificate chemistry |  |

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| 04 | 02 | Theme: THE PERIODIC TABLE  Topic: THE PERIODIC TABLE | The learner investigates the diversity of the elements in the Periodic Table. | Learners should be able to;  -know that the Periodic Table is a classification of elements according to their atomic or proton number (k) | * Videos * Charts * Photos * IT resources * Lab apparatus | -Guided group discussion  -Guided Research  -Guided Discovery and Explanation  -Brainstorming  -creating a mind map | * Teacher’s and learner’s notes * Chemistry workbooks * Learner’s Books and Teacher’s guide * O’level chemistry by Kaweesi Livingstone * New certificate chemistry |  |

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| 05 | 02 | Theme: THE PERIODIC TABLE  Topic: THE PERIODIC TABLE | The learner investigates the diversity of the elements in the Periodic Table. | Learners should be able to;  -relate the arrangement of electrons in the first 20 elements to their positions in the Periodic Table (u, s) | -Videos  -Charts  -Photos  -ICT resources  -Lab apparatus  -Chalk board  -markers  -stick notes  -learner’s guide  -teacher’s guide | * Guided group discussion * Guided Research * Guided Discovery and Explanation * Brainstorming | * Teacher’s and learner’s notes * Chemistry workbooks * Learner’s Books and Teacher’s guide * O’level chemistry by Kaweesi Livingstone * New certificate chemistry |  |

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| 06 | 02 | Theme: THE PERIODIC TABLE  Topic: THE PERIODIC TABLE | The learner investigates the diversity of the elements in the Periodic Table. | Learners should be able to;  -understand the relationship between the position of elements in groups and the charge on the ions that they form (u) | -Videos  -Charts  -Photos  -ICT resources  -Lab apparatus  -Chalk board  -markers  -stick notes  -learner’s guide  -teacher’s guide | -Guided group discussion  -Guided Research  -Guided Discovery and Explanation  -Brainstorming  -creating a mind map | * Teacher’s and learner’s notes * Chemistry workbooks * Learner’s Books and Teacher’s guide * O’level chemistry by Kaweesi Livingstone * New certificate chemistry |  |

H.O.D’s COMMENT

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