

GENERAL TEACHING METHODS

KIRINYANGA UNIVERSITY



January 20, 2023

GROUP 6 WORK

**GROUP MEMBERS**

* KATANGA GEOFFREY ED101/G/13081/21
* WINFRED MAITHYA ED101/G/13084/21
* MWONGA MOSES NZOU ED101/G/13094/21
* MWANGI SAMUEL MUSILI ED101/G/13086/21
* SOMBE SAMUEL MUTETI ED101/G/13085/21
* MUOKA THOMAS MBINDYO ED101/G/12325/21
* MULANDI VICTOR ED101/G/13091/21
* MARY WANJIRU MWANGI ED101/G/13077/21
* MUTUNGA JAMES NZUKI ED101/G/13083/21
* JACKSON KIOKO KISENGESE ED101/G/13090/21
* KAVUVI PURITY TAABU ED101/G/13079/21
* MUTUKU BENJAMIN MUNYAKA ED101/G/13087/21
* JAYSON MUTISYA KUNGULU ED101/G/13O80/21
* MALOMBE MWALIMU VICTOR ED101/G/13093/21
* NZUKI TIMINISH ED101/G/13127/21

TASK: in your groups select a topic based on secondary syllabus. Explain how you will teach it using systems approach to teaching and learning.

TEACHER`S NAME :

SCHOOL : KIRINYAGA HIGH SCHOOL

TERM : ONE

ACADEMIC YEAR : 2023

CLASS/FORM : THREE

STREAM : WEST

NO OF STUDENTS : 63

SUBJECT : CHEMISTRY

TOPIC : GASS LAWS

SUB-TOPIC : BOYLE`S LAW

WEEK : TWO

LESSON NUMBER : TWO

DATE : 24/01/2023

TIME : 10 MINS

**LESSON OBJECTIVES:** by the end of the lesson learners should be able

To;

1. State the boyle`s law
2. Explain boyle`s law using kinetic theory of matter
3. Convert temperature in degrees Celsius to kelvin and vice versa
4. Express boyle`s law mathematically
5. Give the graphical representation of boyle`s law
6. Solve numerical problems based on boyle`s

**LESSON PRESENTATION**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TIME | CONTENT | LEARNING ACTIVITIES | RESOURCES | REFERENCE |
| 3.0 minutes | * Brief introduction * state the boyle`s law | * Discussion * Question and answers | * White board * White board mark | K.L.B course book (1-5) |
| 5.0 minutes | * Body development * State boyle`s law * Represent boyle`s law mathematically and graphically * Plot and interpret graphs involving pressure and volume of gases | * Solve various problem involving boyle`s law * Explain boyle`s law in terms of kinetic theory of matter | * Chart * Volume-pressure relationship * Calculators * Graph papers | K.L.B chemistry book III (1-5)  A finder chemistry revision book( III) |
| 2.0 minutes | * Conclusion * Giving assignment | Question and answers | White board  Mark pen | K.L.B book III (1-5) |

**SELF EVALUATION**

1. There was active participation.
2. The use of buzz session and dramatization helped me to achieve the objectives of the lesson however the dramatization took more time