

**DEPARTMENTAL SCHEMES TERM ONE-2025**

**TEACHER'S NAME: SENTAMU GEOFREY CLASS: S.4 SUBJECT: MATHEMATICS**

WK	PRD	TOPIC AND SUBTOPIC	LEARNING OUTCOME	COMPETENCY	METHODOLOGY	TEACHING AIDS	REFERENCES	REMARKS
1	4	<b>REVIEW OF THE LAST TERMS WORK AND CORRECTIONS FOR EOT EXAMS</b>						
2	4	COMPOSITE FUNCTIONS	The learner should be able to understand and use functional notation	The learner describes and understands composite functions	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	
3	4	COMPOSITE FUNCTIONS	The learner should be able to work out the inverse of a function	This involves making a function the subject and substituting where possible	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	
3	4	<b>ACTIVITY OF INTEGRATION</b>						
4	4	EQUATIONS AND INEQUALITIES	The learner should be able to build a formula from a word statement	The learner build a formula from a word statement and also making the subject of the formula	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	
4	4	EQUATIONS AND INEQUALITIES	The learner should be able to solve equations and inequalities	Solving equations and inequalities	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	
5	4	EQUATIONS AND INEQUALITIES  LINEAR PROGRAMMING	The learner should be able to form linear equations from real life situations and solve them	The learner represents inequalities on a graph and identifies the feasible region	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	

6	4	EQUATIONS AND INEQUALITIES  LINEAR PROGRAMMING	The learner should be able to find an optimum solution from the feasible region	The learner interprets the graph and finds pairs of coordinates to solve the scenario	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	
6	4	MID TERM ONE EXAMS						
7	4	GEOMETRY AND MEASURES  LOCI	The learner should be able to describe common types of loci	The learner constructs loci involving points under given conditions	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	
8	4	GEOMETRY AND MEASURES  LOCI	The learner should be able to construct intersecting loci	The learner ably constructs loci consisting of inequalities	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	
9	4	ACTIVITY OF INTEGRATION						
9	3	LINES AND PLANES IN 3 DIMENSION	The learner should be able to apply Pythagoras theorem in 3d to calculate distance between two points	Applications of Pythagoras theorem	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	
10	3	LINES AND PLANES IN 3 DIMENSION	The learner should be able to find angle between a plane and a line	Finding angle between two lines and planes	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	

10	3		The learner should be able to find angle between planes	Finding angle between two planes	Guided discovery Question and answer Group work	Textbooks Learners book Pens calculators	Fountain math learners book 4 internet	
11	3	ACTIVITY OF INTEGRATION						
12	END OF TERM ONE EXAMS							

SIGN OF HOD: .....

SIGN OF DIRECTOR OF STUDIES .....