DEPARTMENTAL SCHEMES TERM ONE-2025

TEACHER'S NAME: MANANA BENON CLASS: S.1 SUBJECT: MATHEMATICS

WK	PRD	TOPIC AND SUBTOPIC	LEARNING OUTCOME	COMPETENCY	METHODOLOGY	TEACHING AIDS	REFERENCES	REMARKS
1	2	INTRODUCTION AND ADMISSIONS ORIENTATION WEEK						
2	1	TOPIC: NUMBERS SUBTOPIC 1: NUMBER BASES	The learner should identify numbers in any base using the abacus Should also covert from any base to base ten and vice versa	Bases start from base two up to base sixteen	Group work Demonstration Guided revision	Abacus Pens Books	New vision math book 1 learners book Longhorn math book 1 learners book	
3	2	SUBTOPIC 2: WORKING WITH INTEGERS	The learner should identify, read and write natural numbers as numerals in words	Learners differentiate between natural numbers and whole numbers	Group work Demonstration Guided revision	sets Pens Books	New vision math book 1 learners book Longhorn math book 1 learners book	
4	2	SUBTOPIC 3: FRACTIONS, PERCENTAGES AND DECIMALS	The learner describes the different types of fractions, converts improper fractions to mixed fractions and vice versa	The learner converts fractions to decimals and vice versa and solve real life problems	Group work Demonstration Guided revision	Abacus Pens Books	New vision math book 1 learners book Longhorn math book 1 learners book	

5	2	**ACTIVITY OF INTEGRATION**						
6	1	**RECTANGULAR CARTESIAN COORDINATE IN TWO DIMENSIONS**	The learner should be able to draw and label a Cartesian plane In two dimensions	The learner completes shapes on a coordinate grid and names them	Group work Demonstration Guided revision	set Pens Books	New vision math book 1 learners book	
7	2	**ACTIVITY OF INTEGRATION**						
8	2	**GEOMETRIC CONSTRUCTION SKILLS**	The learner should be able to draw perpendicular and parallel lines	The learner ably draws perpendicular bisectors and mediators of lines	Group work Demonstration Guided revision	Geometry set Pens Books	New vision math book 1 learners book	
9	2	**GEOMETRIC CONSTRUCTION SKILLS**	The learner should be able to construct geometrical figures	The learner should be able to construct a triangle, square among others	Group work Demonstration Guided revision	Geometry set Pens Books	New vision math book 1 learners book internet	
10	1	**GEOMETRIC CONSTRUCTION SKILLS**	The learner should be able to construct geometrical figures	The learner should be able to construct a regular hexagon	Group work Demonstration Guided revision	Geometry set Pens Books	New vision math book 1 learners book internet	
11	2	**ACTIVITY OF INTEGRATION**						
12		**END OF TERM ONE EXAMS**						

WK	PRD	TOPIC AND SUBTOPIC	LEARNING OUTCOMES	COMPETENCY	METHODOLOGY	TEACHING AIDS	REFERENCES	REMARKS
1		REVIEW OF LAST TERM'S WORK AND CORRECTIONS FOR EOT EXAMS						
2	3	PATTERNS AND SEQUENCE	The learner should recognize and generate number patterns	The learner uses a number machine to generate a sequence	Guided research Group work explanation	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
3	2	PATTERNS AND SEQUENCE	The learner should recognize and generate number patterns	The learner uses a general rule to determine terms in a sequence	Guided research Group work explanation	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
3	1	ACTIVITY OF INTEGRATION						
4	3	BEARINGS	The learner should be able to identify the compass points, differentiates between scale drawing and sketch	The learner describes the direction of a place from another and applies bearings in real life situations	Guided research Group work explanation	Charts Learners books Pens Calculators Graph book	New vision learners book 1 Internet Teachers guide	
4	2	BEARINGS	The learner should describe bearing of a place from a given point	The learner shows the bearing graphically	Guided research Group work explanation	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
5	3	ACTIVITY OF INTEGRATION						

5	3	GENERAL AND ANGLE PROPERTIES OF GEOMETRIC FIGURES	The learner should be able to identify angles	Angles include supplementary, complementary, right and obtuse angles	Guided research Group work explanation	Charts Learners books Pens Calculators Graph book	New vision learners book 1 Internet Teachers guide	
6	3	GENERAL AND ANGLE PROPERTIES OF GEOMETRIC FIGURES	The learner should be able to solve angle problems involving angles at a point, straight lines etc	The learner solves using the angle properties and interior angle sum of a triangle	Guided research Group work explanation	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
7	3	**ACTIVITY OF INTEGRATION**						
8	3	DATA COLLECTION AND PRESENTATION	The learner should be able to understand the different types of data	Data is divided into grouped and ungrouped data	Guided research Group work explanation	Charts Learners books Pens Calculators Graph book	New vision learners book 1 Internet Teachers guide	
9	2	DATA COLLECTION AND PRESENTATION	The learner should be able to collect, present and analyze data	Data is presented using a bar graph, pie chart, and line graph etc.	Guided research Group work Explanation Demonstration	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
9	2	**ACTIVITY OF INTEGRATION**						
10	3	REFLECTION	The learner should be able to identify lines of folding symmetry for different figure	The learner ably reflects shapes and objects	Guided research Group work explanation	Charts Learners books Pens Calculators Graph book	New vision learners book 1 Internet Teachers guide	

10	2	REFLECTION	The learner should be able to apply reflection in a Cartesian plane	The learner ably reflects shapes and objects on a Cartesian plane	Guided research Group work Explanation Demonstration	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
11	2	**ACTIVITY OF INTEGRATION**						
12		**END OF TERM TWO EXAMS**						

DEPARTMENTAL SCHEMES TERM THREE-2025

TEACHER'S NAME: <u>MANANA BENON</u> CLASS: <u>S.1</u> SUBJECT: <u>MATHEMATICS</u>

WK	PRD	TOPIC AND SUBTOPIC	LEARNING OUTCOMES	COMPETENCY	METHODOLOGY	TEACHING AIDS	REFERENCES	REMARKS
1		REVIEW OF LAST TERM'S WORK AND CORRECTIONS FOR EOT EXAMS						
2	3	EQUATIONS OF LINES	The learner should be able to form linear equations with given points	Plotting and joining and finding a relationship in the form $y = mx + c$	Guided research Group work Explanation Demonstration	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
3	3	EQUATIONS OF LINES	The learner should be able to draw a graph when given equation of a line	The learner follows coordinates and generates equation of a line	Guided research Group work Explanation Demonstration	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
4	3	ACTIVITY OF INTEGRATION						
5	2	ALGEBRA	The learner should be able to use letters to represent numbers	The learner obtains the elementary algebraic concepts	Guided research Group work Explanation Demonstration	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
6	3	ALGEBRA	The learner should be able to write statements in algebraic expressions	The learner obtains the elementary algebraic concepts	Guided research Group work Explanation Demonstration	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	

6	3	**ALGEBRA**	The learner should be able to manipulate simple algebraic equations in one variable and solve them	The learner obtains the elementary algebraic concepts	Guided research Group work Explanation Demonstration	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
7	2		**ACTIVITY OF INTEGRATION**					
8-9	2	BUSINESS ARITHMETIC	The learner should be able to find profits and losses, and express them as percentages	Profit= selling price –buying price	Guided research Group work Explanation	Charts Learners books	New vision learners book 1	
9	3	BUSINESS ARITHMETIC	The learner should be able to find interest, commission and discounts	Elementary business arithmetic competencies	Guided research Group work Explanation Demonstration	Charts Learners books Pens calculators	New vision learners book 1 Internet Teachers guide	
10			**ACTIVITY OF INTEGRATION**					
11			**END OF YEAR EXAMS**					

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SIGN OF DIRECTOR OF STUDIES:………………………………………………………...