2025 GRADE 7 SMART MINDS MATHEMATICS SCHEMES OF WORK TERM 2

TEACHER'S NAME……SCHOOL……TERM II

Week	Lesson	Strand	Sub-Strand	Specific Learning Outcomes	Learning Experiences	Key Inquiry Questions	Learning Resources	Assessment Methods	Reflection
1	**1**	ALGEBRA	Algebraic expressions Simplifying algebraic expressions involving multiplication and division	By the end of the lesson, the learner should be able to: a) Simplify algebraic expressions using the BODMAS rule. b) Simplify algebraic expressions involving multiplication and division. c) Enjoy simplifying algebraic expressions involving multiplication and division.	Learners are guided in pairs, in groups or individually to: Simplify algebraic expressions using the BODMAS rule. Simplify algebraic expressions involving multiplication and division. Use digital devices to play games.	How can you simplify algebraic expressions involving multiplication and division?	Smart Minds Mathematics Learner's Book Grade 7 pg. 75-77 Information from different sources	Class activities Written tests Home Assignments Oral questions Checklists Portfolio Observation	
	2	ALGEBRA	Linear equations Forming linear equations involving addition and subtraction	By the end of the lesson, the learner should be able to: a) Explain how to form linear equations involving addition and subtraction b) Form linear equations involving addition and subtraction. c) Enjoy forming linear equations involving addition and subtraction.	Learners are guided in pairs, in groups or individually to: Explain how to form linear equations involving addition and subtraction Form linear equations involving addition and subtraction. Work out task 1	Which formula do you use to form linear equations involving addition and subtraction?	Smart Minds Mathematics Learner's Book Grade 7 pg. 77-78 Information from different sources	Class activities Written tests Home Assignments Oral questions Checklists Portfolio Observation	
	3	ALGEBRA	Linear equations Forming linear equations involving multiplication and	By the end of the lesson, the learner should be able to: a) Explain how to form linear equations involving multiplication and division b) Form linear equations involving multiplication and division. c) Enjoy forming linear equations involving	Learners are guided in pairs, in groups or individually to: Explain how to form linear equations involving multiplication and division Form linear equations involving multiplication and division.	Which formula do you use to form linear equations involving multiplication and division?	Smart Minds Mathematics Learner's Book Grade 7 pg. 78-79 Information from different	Class activities Written tests Home Assignments Oral questions Checklists Portfolio Observation	

			division	multiplication and division.	Work out task 2		sources		
	4	ALGEBRA	Solving linear equations involving addition and subtraction	By the end of the lesson, the learner should be able to: a) Use a digital device to watch a video on solving linear equations involving addition and subtraction. b) Solve linear equations involving addition and subtraction. c) Have fun solving linear equations involving addition and subtraction.	Learners are guided in pairs, in groups or individually to: Use a digital device to watch a video on solving linear equations involving addition and subtraction. Solve linear equations involving addition and subtraction.	What is the unknown in 2x – 6 + x = 12?	Smart Minds Mathematics Learner's Book Grade 7 pg. 79 Information from different sources	Class activities Written tests Home Assignments Oral questions Checklists Portfolio Observation	
	5	ALGEBRA	Solving linear equations involving multiplication and division	By the end of the lesson, the learner should be able to: a) Use a digital device to watch a video on solving linear equations involving multiplication and division. b) Solve linear equations involving multiplication and division. c) Enjoy solving linear equations involving multiplication and division.	Learners are guided in pairs, in groups or individually to: Use a digital device to watch a video on solving linear equations involving multiplication and division. Solve linear equations involving multiplication and division. Play games using digital devices.	What is the unknown in 4(3– x) = 24?	Smart Minds Mathematics Learner's Book Grade 7 pg. 80-81 Information from different sources	Class activities Written tests Home Assignments Oral questions Checklists Portfolio Observation	
2	**1**	ALGEBRA	Linear inequalities Inequality symbols	By the end of the lesson, the learner should be able to: a) Identify and write down inequality symbols. b) Use inequality symbols to complete simple linear inequalities. c) Appreciate inequality symbols.	Learners are guided in pairs, in groups or individually to: Identify and write down inequality symbols. Use inequality symbols to complete simple linear inequalities.	How do we use linear equations in real life?	Smart Minds Mathematics Learner's Book Grade 7 pg. 81-82 Information from different sources	Class activities Written tests Home Assignments Oral questions Checklists Portfolio Observation	
	2	ALGEBRA	Linear inequalities Forming simple	By the end of the lesson, the learner should be able to: a) Explain how to forming simple linear inequalities involving addition and subtraction.	Learners are guided in pairs, in groups or individually to: Explain how to forming simple linear inequalities involving addition and	What is the value of x in the inequality below 3x -15 > 10?	Smart Minds Mathematics Learner's Book Grade 7 pg. 83	Class activities Written tests Home Assignments Oral questions	