



MATHEMATICS SCHEMES OF WORK STD 5 TERM I

WK	LESSON	TOPIC	SUB-TOPIC	OBJECTIVES	TEACHERS ACTIVITY	LEARNERS ACTIVITIES	REF	T/AIDS	ASST	REMS
1	1	NUMBERS	Numbers up to hundreds of thousands	At the end of the lesson Learners should be able to recognize numbers up to hundreds of thousands.	Guiding Learners to arrange tables.	Drawing number lines arranging ____ bottle tops	Primary Maths pg 1	Flash cards And bottle tops	Pg 1 No. 1-5 Oral questions	
	2	NUMBERS	Writing and changing numbers to words	By the end of the lesson Learners should be able to write numbers in words.	Arranging numbers on the CB	Reading numbers loudly	Primary Maths pg 2	Sticks and flash cards	Pg 2 No. 1 Written quiz	
	3	NUMBER PLACE VALUE	Ones, hundreds, thousands, tens of thousands	Learners should be able to write numbers up to tens of thousands e.g. 34 612	Writing numbers on the chalk board	Arranging numbers according to place values	Primary Maths pg 4	Flash cards	Pg 4 place value oral question	
	4	NUMBER PLACE VALUE	Place Value	Learners should be able to write place value of numbers	Displaying cards	Writing/drawing number lines	Primary Maths pg 4	Flash cards	Practical pg 4 work	
	5	NUMBER PLACE VALUE	Writing place values in symbols	Learners should be able to recognize all the numbers and place them in words and in symbols	Demonstrating picking numbers	Writing numbers in words and symbols	Primary Maths pg 5	Place value charts	Pg 5 no. 1-3 Oral questions	
	6	NUMBER PLACE VALUE	Writing numbers in words/symbols	Learners should be able to write numbers in symbols and numbers	Drawing number groups on the chalk board	Copying numbers drawn by the teacher	Primary Maths pg 4,5	Place value charts	Written quiz	
	7	NUMBERS REVISION	Random test	Learners should be able to answer mixed questions on numbers	Writing questions on the chalkboard	Copying questions written on the chalkboard	Primary Maths pg 1-5	Charts	Oral pg 1 pg 2 no. 1 Questions	
2	1	ROUNDING OFF NUMBERS	Rounding off to the nearest ten	Learners should be able to round off numbers to the nearest ten	Displaying cards	Rounding off numbers to the nearest ten	Primary Maths pg 7	Number line Flash cards	Practical pg 7-1-5 work	
	2	ROUNDING OFF NUMBERS	Rounding off to the nearest ten	Learners should be able to round numbers with more than 2 digits to the nearest ten e.g. 179	Writing numbers to show examples	Rounding off numbers to the nearest ten	Primary Maths pg 7	Number line	Oral pg 7 no.1- 5 questions	
	3	ROUNDING OFF	Rounding off four digit numbers	Learners should be able to round off four digit numbers to the nearest ten	Writing important points on the chalkboard	Writing down important points	Primary Maths pg 7	Number chart	Written pg 7 no. 1-5 quiz	



	4	ROUNDING OFF	Rounding off to the nearest one hundred	Learners should be able to round off to the nearest hundred in simple numbers	Demonstrating the rounding process	Rounding off numbers to the nearest one hundred	Primary Maths pg 8	Charts	Oral pg 8 no. 1-2	
	5	ROUNDING OFF	Rounding off four digit numbers to the nearest one hundred	Learners should be able to round off four digit numbers to the nearest hundred	Drawing number lines	Discussion Rounding off	Primary Maths pg 8	Flash cards	Practical work pg 8 no. 1-2	
	6	ROUNDING OFF	Mixed tests on rounding off	Learners should be able to do mixed exercises on rounding off	Writing questions on the chalkboard	Copying down the questions	Primary Maths pg 6-8	Flash cards	Oral pg 2 no. 1-5 No. 1-2	
	7	OPERATION ON WHOLE NUMBERS	Introduction to operation on numbers	By the end of the lesson Learners should be able to add numbers in rows	Writing numbers on the chalkboard	Copying questions Discussions	Primary Maths pg 9	Flash cards	Written quiz	
3	1	OPERATION ON WHOLE NUMBERS	Addition	Learners should be able to add numbers in rows and columns up to five digits	Writing numbers in rows on the chalkboard	Asking oral questions	Primary Maths pg 10	Charts	Oral pg 10 No. 10-20 Questions	
	2	OPERATION ON WHOLE NUMBERS	Addition involving carrying	Learners should be able to add in columns aligning the digits given with carrying	Demonstrating Asking oral questions	Copying down teacher's example	Primary Maths pg 10	Charts	Practical work pg 10 no. 11-10	
	3	OPERATION ON WHOLE NUMBERS	Addition in word problems	Learners should be able to read word problems and solve them by alignment of columns	Guiding Learners to read the statements	Reading statements loudly	Primary Maths pg 11	Flash cards	Oral question pg 11 no. 1-6	
	4	OPERATION ON WHOLE NUMBERS	Subtraction	Learners should be able to subtract with borrowing digits up to six symbols	Guide Learners to arrange the numbers	Drawings columns of value of numbers	Primary Maths pg 12	Cards	Oral pg 12 no. 1-20 questions	
	5	OPERATION ON WHOLE NUMBERS	Subtraction	Learners should be able to subtract word problems by alignment of numbers	Working examples on the CB	Copying questions Discussion	Primary Maths pg 13	Chart	Written pg 13 quiz no. 21-25	
	6	OPERATION ON WHOLE NUMBERS	Multiplication	Learners should be able to multiply digits up to five by 2	Writing questions on the chalkboard	Copying down questions	Primary Maths pg 14	Tables Charts	Attempt no. 1-6	
	7	OPERATION ON WHOLE NUMBERS	Multiplication	Learners should be able to multiply digits in word problems	Writing statements on the chalk board	Copying down statements	Primary Maths pg 15-16	Charts	Attempt pg 15 no. 1-15	
4	1	OPERATION ON WHOLE NUMBERS	Multiplication	Learners should be able to solve word problems and symbols	Demonstration through examples	Asking oral questions	Primary Maths pg 15-17	Charts	Attempt pg 15 no. 1-11	



	2	OPERATION ON WHOLE NUMBERS: DIVISION	Division: Multiples of 10	Learners should be able to divide 3-4 looking at the dividend and the remainder	Writing some examples on the chalkboard	Copying down teacher's examples	Primary Maths pg 18 Trs bk pg 17	Charts	Attempt pg 18 no. 1-9	
	3	OPERATION ON WHOLE NUMBERS: DIVISION	Division: Multiples of 10	Learners should be able to work 3 or more digits by two in division	Explanation Asking oral questions	Answering oral questions	Primary Maths pg 18 Trs bk pg 17	Charts	Attempt pg 18 no. 1-9	
	4	OPERATION ON WHOLE NUMBERS	Odd and even numbers	Learners should be able to state the odd numbers between 1-100 e.g. 3, 5, 7, 9, 11	Drawing a table showing numbers	Copying down the table	Primary Maths pg 19 Trs bk pg 21-25	Charts	Attempt pg 19 no.1-5	
	5	OPERATION ON WHOLE NUMBERS	Divisibility Even numbers	Learners should be able to state even numbers between 1-100 e.g. 24 26 28 30 32	Writing even numbers on the chalkboard	Copying down even numbers on the exercise books	Primary Maths pg 21-22 Trs bk pg 21-22	Flash cards	Attempt pg 21 no. 1-6 Pg 22 1-10	
	6	OPERATION ON WHOLE NUMBERS	Divisibility tests	Learners should be able to state the divisibility test of three. I.e when a number is divisible by three	Writing important notes on the chalkboard	Copying down the notes	Primary Maths pg 23 Trs bk pg 23-25	Flash cards	Attempt pg 23 no. 1-3	
	7	DIVISIBILITY TESTS	Divisibility tests of 4	Learners should be able to state the divisibility tests of four	Writing down important questions on the chalkboard	Asking oral questions Copying down the questions	Primary Maths pg 24 Trs bk pg 23-25	Flash cards	Attempt pg 24 no. 1-3	
5	1	DIVISIBILITY TESTS	Divisibility tests of 5	Learners should be able to revise the divisibility tests of 2, 5 and 10	Writing even and odd numbers	Deciding if a number is odd or even	Primary Maths pg 21 trs bk pg 22	Charts		
	2	DIVISIBILITY TESTS	Divisibility tests of 6	Learners should be able to state and work out divisibility tests of 6	Arranging numbers Demonstrating by working out	Copy trs example and work out	Primary Maths pg 24 Trs bk pg 22	Charts	Attempt pg 24 no. 1-3	
	3	DIVISIBILITY TESTS	Divisibility test of 9	Learners should be able to state and work out divisibility test of 9	Showing examples on the chalkboard	Copying the trs examples	Primary Maths pg 24	Charts	Attempt pg 24 no. 1-3	
	4	DIVISIBILITY TESTS	Revision	Learners should be able to revise the divisibility tests of 2, 3, 4 and 5	Writing questions on the chalkboard	Working out written questions	Primary Maths pg 22	Charts	Attempt pg 22 no. 7-10	
	5	DIVISIBILITY TESTS	Revision	Learners should be able to revise the divisibility tests of 6, 9 and 10	Writing questions on the chalkboard	Discussion Working out	Primary Maths pg 26	Charts	Attempt pg 26 No. 1-8	
	6	PRIME NUMBERS	Divisors	Learners should be able to draw a table showing prime numbers of divisors	Demonstrating how to draw the tables	Drawing tables showing prime numbers	Primary Maths pg 27	Charts	Attempt pg 27 No. 1-3	



	7	PRIME NUMBERS	Prime numbers	Learners should be able to define and state prime numbers	Writing prime numbers on the chalkboard	Copying down prime numbers	Primary Maths pg 28	Charts	Attempt pg 28 no. 4-5	
6	1	PRIME FACTORS	Factor tree	Learners should be able to draw a factor tree and factorise	Drawing factor tree on the chalkboard	Drawing more factor trees	Primary Maths pg 28	Charts	Attempt pg 28 no. 4-5	
	2	DIVISORS(FACTORS)	Revision	Learners should be able to list divisors of each number given	Writing statements on the chalkboard	Copying down statements	Primary Maths pg 29	Flash cards	Attempt pg 29 no.1-4	
	3	PRIME FACTORS	Revision	Learners should be able to draw factor tree up to three digit number	Writing numbers to be factored	Drawing factor trees	Primary Maths pg 29	Charts	Attempt pg 29 1-4	
	4	HIGHEST COMMON FACTOR (GCD)	GCD of HCF	Learners should be able to describe what the term GCD means	Writing numbers to show the meaning of GCD	Copying down the meaning of GCD	Primary Maths pg 30	Flash cards	Attempt pg 30 no. 1-4	
	5	GREATEST COMMON DIVISORS	GCD	Learners should be able to find GCD of numbers between 1-40	Working out examples on the chalkboard	Asking oral questions	Primary Maths pg 31	Charts	Attempt pg 31 no.1	
	6	GREATEST COMMON DIVISORS	Finding the GCD using the short method	Learners should be able to find the GCD using the short method	Working out to show an example	Asking oral questions and working out	Primary Maths pg 32	Charts	Attempt pg 32 no. 1-3	
	7	LEAST COMMON MULTIPLE	Meaning of LCM	Learners should be able to define the term multiple and find products of whole numbers	Writing down the meaning of LCM on the chalkboard	Copying down the meaning of LCM	Primary Maths pg 32	Charts	Attempt pg 32 No. 1-3	
7	1		Finding LCM by listing	Learners should be able to find LCM by listing	Drawing lists to elaborate	Finding LCM by listing	Primary Maths pg 33	Flashcards	Attempt pg 33 no. 4-6	
	2	LEAST COMMON MULTIPLE	Finding LCM using short method	Learners should be able to find LCM using short method	Working out examples on the CB	Answering questions in exercise books	Primary Maths pg 34	Chart	Attempt pg 34 No. 1-2	
	3	LEAST COMMON MULTIPLE	Using shorter method	Learners should be able to find LCM of numbers up to 100 using the shorter method	Drawing columns to show the shorter method	Finding LCM using the shorter method	Primary Maths pg 35	Flash	Attempt pg 35 no. 1-3	
	4	PATTERNS	Numbers in series	Learners should be able to find numbers in series of patterns	Writing patterns on the chalkboard	Completing various patterns	Primary Maths pg 35	Charts	Attempt pg 35 No. 1-3	
	5	PATTERNS	Finding next numbers in series	Learners should be able to find next three numbers in series	Demonstrating how to find next numbers in a series	Finding next two or three numbers	Primary Maths pg 36	Charts	Attempt pg 36 No. 4	
	6	ROMAN NUMBERS	Comparing Hindu, Arabic and roman numbers	Learners should be able to Compare Hindu, Arabic and Roman numbers	Writing some roman numbers on the chalkboard	Changing roman numbers to Hindu and Arabic numbers	Primary Maths pg 36	Flash cards	Attempt pg 36 No. 4	



	7	ROMAN NUMBERS	Converting numbers	Learners should be able to convert Hindu Arabic numbers to roman numbers	Converting some numbers to serve as examples	Following teachers example and convert	Primary Maths pg 37	Flash cards	Attempt pg 37 no. 1-4	
8	1	ROMAN NUMBERS	Indicating time in Roman numbers	Learners should be able to indicate and give the time shown in clock face in Roman numbers	Drawing clock face on the chalkboard	Drawing the clock face and writ down the shown time in roman numbers	Primary Maths pg 37	Charts	Attempt pg 37 no. 1-4	
	2	FRACTIONS: INTRODUCTIO N	Adding/Subtra cting by renaming	Learners should be able to add and subtract fractions with renaming	Working out examples on the chalkboard	Adding and subtracting by renaming	Primary Maths pg 38	Charts	Attempt pg 38 No. 1-4	
	3	FRACTIONS	Renaming fractions with smaller denominators	Learners should be able to rename fractions with smaller denominators	Guiding the Learners on the procedures followed in renaming	Renaming fractions as they work out	Primary Maths pg 38	Flashcards	Attempt pg 38 No. 1-4	
	4	FRACTIONS	Equivalent fractions	Learners should be able to write, work out and simplify equivalent fractions e.g. $2/4=5/10$	Guide the Learners to write more equivalent fractions	Writing more equivalent fractions	Primary Maths pg 37	Charts	Attempt pg 37 No. 1-4	
	5	FRACTIONS	Simplifying	Learners should be able to write and simplify sums	Guiding Learners to simplify sums	Asking oral questions Simplifying sums	Primary Maths pg 39	Charts	Attempt pg 39 no. 1-2	
	6	FRACTIONS	Simplifying by cancelling	Learners should be able to simplify by cancelling	Working out a few examples	Simplify by cancelling	Primary Maths pg 40	Flash cards	Attempt pg 40 no. 1	
	7	FRACTIONS	Addition of fractions	Learners should be able to add simple fractions	Showing examples on the chalkboard	Working out questions on the chalkboard	Primary Maths pg 41	Charts Cards	Attempt pg 41 A 2 & C	
9	1	FRACTIONS	Subtraction of fractions	Learners should be able to subtract fractions	Working out on the chalkboard as an example	Copying teacher's example and working out	Primary Maths pg 41	Chart papers	Attempt pg 41 A 2 & C	
	2	FRACTIONS	Changing improper fractions to proper fractions	Learners should be able to change improper fractions to proper fractions	Guiding the Learners on the stages	Discussing Converting	Primary Maths pg 42	Charts Boxes	Attempt pg 42 B	
	3	FRACTIONS	Adding improper/ mixed fractions	Learners should be able to add improper/ mixed fractions	Working out an example on the chalkboard	Adding fractions Converting numbers	Primary Maths pg 42	Charts	Attempt pg 42 B	
	4	FRACTIONS	Subtracting improper/ mixed fractions	Learners should be able to subtract improper to mixed fractions	Working out examples on the chalkboard	Subtracting fractions, converting numbers	Primary Maths pg 44	Cards Papers	Attempt pg 44 No. 1-2	
	5	FRACTIONS	Multiplication of fractions	Learners should be able to multiply fractions	Demonstrate the procedures	Discuss Workout	Primary Maths pg 44	Cards Papers	Attempt pg 44 No. 1-2	

