

CONTENT DISTRIBUTION**SUBJECT: MATHEMATICS****Grade: Primary 1****Number of periods per week: 8****Term 1:**

UNIT 1: WHOLE NUMBERS FROM 1 UP TO 5		Periods 48
Weeks	Lesson title	Number of periods
Key unit competence To be able to count, read, writ, order, compare, add and subtract whole numbers from 1 to 5		
1	Introductory activity	1
	Counting 1 to 2 objects	1
	Reading and writing the number 1	2
	Reading and writing the numbers 1 and 2	2
	Counting 1 to 3 objects	2
2	Reading and writing the numbers 1, 2 and 3	2
	Reading and writing the numbers 1, 2 and 3 (cont)	1
	Counting 1 to 4 objects	2
	Reading and writing the numbers 1, 2, 3 and 4	2
	Reading and writing the numbers 1, 2, 3 and 4 (cont)	1
3	Counting 1 to 5 objects	2
	Reading and writing the numbers 1, 2, 3, 4 and 5	2
	Comparing numbers of 5 or less than 5 objects	2
	Comparing numbers from 1 to 5	2
4	Ascending order of numbers from 1 to 5	2
	Descending order of numbers from 1 to 5	2
	Descending order of numbers from 1 to 5	1
	Sum of whole numbers less than or equal to 5	2
	Sum of whole numbers less than or equal to 5(cont)	1
5	Addition of numbers whose sum does not exceed 5	2
	Word problems on addition of numbers whose sum does not exceed 5	1
	Word problems on addition of numbers whose sum does not exceed 5	1

	Subtraction of numbers less than 5	2
	Subtraction of numbers less than 5 (cont)	1
6	Word problem on subtraction of numbers less than 5	2
	Word problem on subtraction of numbers less than 5 (cont)	1
	Word problems involving addition and subtraction of numbers whose sum or difference does not exceed 5	2
	Word problems involving addition and subtraction of numbers whose sum or difference does not exceed 5(cont)	1
	End unit assessment	2

UNIT 2: WHOLE NUMBERS FROM 1 TO 9		Periods 48
Key unit competence To be able to count, read, writ, order, compare, add and subtract whole numbers from.		
Weeks	Lesson title	Number of periods
7	Introductory activity	1
	Counting 1 to 6 objects	2
	Reading and writing the numbers from 1 to 6	2
	Reading and writing the numbers from 1 to 6 (cont)	1
	Counting 1 to 7 objects	2
8	Reading and writing the numbers from 1 to 7	2
	Reading and writing the numbers from 1 to 7 (cont)	1
	Counting 1 to 8 objects	2
	Reading and writing the numbers from 1 to 8	2
	Reading and writing the numbers from 1 to 8 (cont)	1
9	Counting 1 to 9 objects	2
	Reading and writing the numbers from 1 to 9	2
	Reading and writing the numbers from 1 to 9 (cont)	1
	Comparing numbers of 9 or less than 9 objects	2
	Comparing numbers of 9 or less than 9 objects (cont)	1
10	Comparing numbers from 1 to 6	1
	Comparing numbers from 1 to 7	1

	Comparing numbers from 1 to 8	1
	Comparing numbers from 1 to 9	1
	Ascending order of numbers from 1 to 6	1
	Ascending order of numbers from 1 to 7	1
	Ascending order of numbers from 1 to 8	1
	Ascending order of numbers from 1 to 9	1
11	Descending order of numbers from 1 to 6	1
	Descending order of numbers from 1 to 7	1
	Descending order of numbers from 1 to 8	1
	Descending order of numbers from 1 to 9	1
	Addition of numbers whose sum does not exceed 9	2
	Word problems on addition of numbers whose sum does not exceed 9	2
12	Subtraction of numbers less than 9	1
	Subtraction of numbers less than 9	2
	Word problem on subtraction of numbers less than 9	2
	Word problem on subtraction of numbers less than 9 (cont)	1
	End unit assessment	2
13	Exams of the first term	

TERM 2

UNIT 3: WHOLE NUMBERS FROM 0 UP TO 10		Periods 16
Key unit competence: To be able to count, read, write, order, compare, add and subtract whole numbers from 0 to 10.		
Weeks	Lesson title	number of periods
1	Introductory activity	1
	Concept of the number 0	1
	Counting 1 to 10 objects	1
	Reading and writing the numbers from 0 to 10	1
	Comparing numbers from 1 to 10	2

	Ascending and descending order of numbers from 0 to 10	2
2	Addition of numbers whose sum does not exceed 10	2
	Word problems on addition of numbers whose sum does not exceed 10	1
	Subtraction of numbers less than 10	2
	Word problem on subtraction of numbers less than 10	1
	End unit assessment	2

UNIT 4: WHOLE NUMBERS FROM 0 TO 20	Periods 24
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Key unit competence:
To be able to count, read, write, order, compare, add and subtract whole numbers from 0 up to 20.

Weeks	Lesson title	Number of periods
3	Introductory activity	1
	Counting 1 to 20 objects	2
	Reading and writing the numbers from 0 to 20	2
	Decomposition of numbers from 10 to 20 into ones and tens	3
4	Comparing numbers from 0 to 20	2
	Ascending and descending order of numbers from 0 to 20	2
	Addition of numbers whose sum does not exceed 20	2
	Word problems on addition of numbers whose sum does not exceed 20	2
5	Subtraction of numbers less than 20	2
	Word problem on subtraction of numbers less than 20	2
	Addition and subtraction of 2 numbers less than 20	2
	End unit assessment	2

UNIT 5: MULTIPLICATION AND DIVISION BY 2	Periods 8
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Key unit competence:
To be able to multiply and divide by 2 (the product and dividend does not exceed 20).

Weeks	Lesson title	Number of periods
6	Introductory activity	1

	Concept of multiplying by 2 and multiples of 2	2
	Exact division by 2 with the quotient not exceed 10	2
	Word problems on multiplication by 2	1
	Word problems on division by 2	1
	End unit assessment 5	1
UNIT 6: WHOLE NUMBERS FROM 0 TO 50		Periods 28
Key unit competence: To be able to count, read, write, order, compare, add and subtract whole numbers from 0 up to 50.		
Weeks	Lesson title	Number of periods
7	Introductory activity	1
	Counting 1 to 30 objects	1
	Reading and writing the numbers from 0 to 30	2
	Counting 1 to 40 objects	1
	Reading and writing the numbers from 0 to 40	2
	Counting 1 to 50 objects	1
8	Reading and writing the numbers from 0 to 50	2
	Decomposition of numbers from 10 to 50 into ones and tens	2
	Decomposition of numbers from 10 to 50 into ones and tens (cont)	1
	Comparing numbers from 0 to 50	2
	Comparing numbers from 0 to 50	1
9	Ascending and descending order of numbers from 0 to 50	2
	Addition of numbers whose sum does not exceed 50	2
	Word problems on addition of numbers whose sum does not exceed 50	2
	Subtraction of numbers less than 50	2
10	Word problem on subtraction of numbers less than 50	2
	End unit assessment	2
UNIT 7: WHOLE NUMBERS FROM 0 TO 100		Periods 20/28
Key unit competence:		
To be able to count, read, write, order, compare, add and subtract whole numbers from 0 up to		

99.		
Weeks	Lesson title	Number of periods
	Introductory activity	1
	Counting 1 to 60 objects	1
	Reading and writing the numbers from 0 to 60	2
11	Counting 1 to 70 objects	1
	Reading and writing the numbers from 0 to 70	2
	Counting 1 to 80 objects	1
	Reading and writing the numbers from 0 to 80	1
	Counting 1 to 90 objects	2
	Reading and writing the numbers from 0 to 90	1
12	Counting 1 to 100 objects	1
	Reading and writing the numbers from 0 to 99	1
	Decomposition of 2-digit numbers from 10 to 99 into ones and tens	2
	Comparing numbers from 1 to 99	2
	Ascending and descending order of numbers from 1 to 99	2
13	EXAMS OF 2 ND TERM	

3RD TERM

UNIT 7: WHOLE NUMBERS FROM 0 TO 100		Periods 8/28
Key unit competence:		
To be able to count, read, write, order, compare, add and subtract whole numbers from 0 up to 99.		
Weeks	Lesson title	Number of periods
1	Addition of numbers whose sum does not exceed 99	2
	Word problems on addition of numbers whose sum does not exceed 99	2
	Subtraction of numbers less than 99	1
	Word problem on subtraction of numbers less than 99	1

	End unit assessment	2
UNIT8: FRACTIONS $\frac{1}{2}$ AND $\frac{1}{4}$		Periods 8
Key unit competence: To be able to show a half and a fourth/quarter of a whole		
Weeks	Lesson title	Number of periods
2	Introductory activity	1
	Concept of $\frac{1}{2}$	1
	Different parts of $\frac{1}{2}$	2
	Concept of $\frac{1}{4}$	1
	Different parts of $\frac{1}{4}$	2
	End unit assessment 8	1
UNIT 9: NUMBER PATTERNS		Periods 8
Key unit competence: To be able to find the missing number in a number pattern of 1-digit numbers or 2-digits numbers.		
Weeks	Lesson title	Number of periods
3	Introductory activity	1
	Concept of a number pattern involving addition	1
	Common difference in a number pattern involving addition	2
	Concept of a number pattern involving subtraction	1
	Common difference in a number pattern involving subtraction	2
	End unit assessment 9	1
UNIT 10: LENGTH MEASUREMENTS IN METERS (LESS THAN OR EQUAL TO 10m).		Periods 16
Key unit competence: To be able to measure, and compare length of various objects having the length not exceeding 10 m, add and subtract length measurements less than or equal to 10m.		
Weeks	Lesson title	Number of periods
4	Introductory activity	1
	Concept of lengths	1
	Lengths measurement tools	1

	Reading and writing meter “m”	1
	Measuring lengths of 10 m using a meter ruler	2
	Comparing lengths less than 10 m	2
5	Addition of lengths whose sum does not exceed 10 m	2
	Word problems on addition of lengths whose sum does not exceed 10 m	1
	Subtraction of lengths whose difference does not exceed 10 m	2
	Word problems on subtraction of lengths whose difference does not exceed 10 m	1
	End unit assessment 10	2
UNIT 11: MAIN PARTS OF THE DAY AND DAYS OF A WEEK.		Periods 8
Key unit competence: to be able to order and compare main parts of the day, state the days of the week and give the main daily activities.		
Weeks	Lesson title	Number of periods
6	Introductory activity	1
	Main parts of the day and characteristics	2
	Days of the week	2
	key activities carried out every day.	2
	End unit assessment	1
UNIT 12: RWANDAN CURRENCY FROM 1Frw UP TO 100Frw		Periods 16
Key unit competence: To be able to differentiate Rwandan currency from 1F up to 100F and solve various problems involving the use of Rwandan currency from 1F up to 100F.		
Weeks	Lesson title	Number of periods
7	Introductory activity	2
	Rwandan Coins and their values	2
	Rwandan Coins and their features	2
	Exchange of Rwandan currency from 1Frw up to 100Frw	2
8	Addition of Rwandan currency from 1Frw up to 100Frw	2
	Subtraction of Rwandan currency from 1Frw up to 100Frw	2
	Word problems involving addition and subtraction of Rwandan currency from 1Frw up to 100Frw.	1
	The use of money.	1

	Selecting items to buy from the given table	1
	Unit assessment	1
UNIT 13: DIRECTION, LOCATION OF OBJECTS AND TYPES OF LINES.		Periods 16
Key unit competence: To be able to locate objects and define types of lines.		
Weeks	Lesson title	Number of periods
9	Introductory activity	1
	Front and back of an object	1
	Top of and under of an object	1
	Right and left sides of an object	1
	Beyond and next to or near of an object	1
	Location of an object	1
	Straight and curved lines	2
10	Closed and open lines	2
	Broken lines	2
	Dots located on; inside and outside of a closed line	2
	End unit assessment	2
UNIT 14: RIGHT ANGLE, SQUARE AND RECTANGLE		Periods 16
Key unit competence: To be able to identify the right angle, square and rectangle from other shapes and accurately draw them.		
Weeks	Lesson title	Number of periods
11	Introductory activity	2
	Right angle and its characteristics	2
	Drawing the Right angle	2
	A square and its characteristics	2
12	Drawing a square	2
	A rectangle and its characteristics	2
	Drawing a rectangle	2
	End unit Assessment 14	2
13	EXAMS OF 3 RD TERM	