

FORMAT OF UNIT PLAN/SCHEME OF WORK

RUTSIRO DISTRICT Academic year: 2024-2025

SCHOOL name:.....

Subject : MATHEMATICS

Teacher' s name:

CLASS :P4 Number of period :8

TERM 1 FROM TO						
Dates	Unit title	Lesson title + Evaluation	Learning Objectives (Copied or adapted from the syllabus) + Key unit competence	Teaching methodology & techniques	Resources and references	Observations
Week1 09-13/09 2024	Unit 1 :Mathematical operations on whole numbers up to 100 000	LESSON 1: Reading and writing numbers up to 100 000 in words	Knowledge and understanding: Read written numerals correctly in English. Skills: Correctly translate between written numerals and spoken English Attitudes and values: Developing personal confidence in the use of numbers.	Group work , Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus	
		LLESSON 2: Reading and writing numbers up to 100 000 in words	Knowledge and understanding: Read written numerals correctly in English. Skills: Correctly translate between written numerals and spoken English Attitudes and values: Developing personal confidence	Group work , Dictation , Matching game, observation .	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			in the use of numbers.		P4 mathematics syllabus	
		LESSON 3: Reading and writing numbers up to 100 000 in words	Knowledge and understanding: Read written numerals correctly in English. Skills: Correctly translate between written numerals and spoken English Attitudes and values: Developing personal confidence in the use of numbers.	Group work , Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 4: Reading and writing numbers up to 100 000 in words	Knowledge and understanding: Read written numerals correctly in English. Skills: Correctly translate between written numerals and spoken English Attitudes and values: Developing personal confidence in the use of numbers.	Group work , Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 5: Reading and writing numbers up to 100 000 in figures	Knowledge and understanding: Read written numerals correctly in English. Skill: Correctly translate between written numerals and spoken English Attitude and value: Developing personal confidence in the use of numbers.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		LESSON6:Reading and writing numbers up to 100 000 in figures	Knowledge and understanding: Read written numerals correctly in English. Skill: Correctly translate between written numerals and spoken English Attitude and value: Developing personal confidence in the use of numbers.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus	
		LESSON 7: Place value of whole numbers	Knowledge and understanding: identify the place values of written numerals. SKILLS: Use place value to compare numbers of any size. Attitudes and values: Developing personal confidence in the use of numbers.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus	
		LESSON 8: Place value of whole numbers	Knowledge and understanding: identify the place values of written numerals. SKILLS: Use place value to compare numbers of any size. Attitudes and values: Developing personal confidence in the use of numbers.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus	

Week2 16-20/09 2024		LESSON 9: Expanding whole numbers using place values	Knowledge and understanding: identify the place values of written numerals. SKILLS: Use place value to compare numbers of any size. Attitudes and values: Developing personal confidence in the use of numbers.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus)	
		LESSON 10: writing expanded numbers in short form	Knowledge and understanding: identify the place values of written numerals. SKILLS: Use place value to compare numbers of any size. Attitudes and values: Developing personal confidence in the use of numbers.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus)	
		LESSON 11 Comparing whole numbers.	Knowledge and understanding: identify the place values of written numerals. SKILLS: Use place value to compare numbers of any size. Attitudes and values: Developing personal confidence in the use of numbers.	Group work Discussion, Dictation , Matching game ,observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus	

		LESSON 12: Comparing whole numbers	Knowledge and understanding: identify the place values of written numerals. SKILLS: Use place value to compare numbers of any size. Attitudes and values: Developing personal confidence in the use of numbers.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus	
		LESSON 13: Addition without carrying	Knowledge and understanding: Explain the process of addition of whole numbers. SKILLS: Carry out addition of whole numbers. Attitudes and values: <i>Appreciate the importance of working out numbers quickly</i>	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus	
		LESSON 14: Addition with carrying	Knowledge and understanding: Explain the process of addition of whole numbers. SKILLS: Carry out addition of whole numbers. Attitudes and values: Appreciate the importance of addition in daily life.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus	
		LESSON 15: Addition with carrying	Knowledge and understanding: Explain the process of addition of whole numbers. SKILLS: Carry out addition of whole numbers. Attitudes and values: Appreciate the importance of addition in daily life.	Group work	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT	

					LIGHT) P4 mathematics syllabus	
		LESSON 16: :Subtraction without borrowing	Knowledge and understanding: Explain the process of subtraction of whole numbers. SKILLS: Carry out subtraction of whole numbers. Attitudes and values: Appreciate the importance of subtraction in daily life.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
Week 3 23-27/09 2024		LESSON 17 subtraction with borrowing	Knowledge and understanding: Explain the process of subtraction of whole numbers. SKILLS: Carry out subtraction of whole numbers. Attitudes and values: Appreciate the	Group work Discussion, Dictation , Matching game ,observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT) P4 mathematics syllabus	
		LESSON 18 Problems involving addition and subtraction	Knowledge and understanding: Explain the process of solving mathematical word problems involving addition and subtraction on 2 or more numbers of two digits or more. SKILLS: Solve daily life mathematical problems involving addition and subtraction.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 19: :Multiplication without carrying	Attitudes and values: Appreciate the Knowledge and understanding: Explain the process of multiplication of two numbers or more without carrying. SKILLS: Carry out multiplication of two or more numbers whose product does not exceed 100 000 . Attitudes and values: Appreciate the	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

Week4 30/09- 04/10/ 2024		LESSON 20: Multiplication with carrying	importance of multiplication in daily life. Knowledge and understanding: Explain the process of multiplication of two numbers or more with carrying. SKILLS: Carry out multiplication of two or more numbers whose product does not exceed 100 000 .	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
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		LESSON 21: Multiplication of whole number by 10,100,1000 and 10 000	Attitudes and values: Appreciate the Knowledge and understanding: Explain the process of multiplication of a whole number by 10,100,1000,10 000. SKILLS: Carry out multiplication of whole number by 10,100,1000, 10 000. Attitudes and values: Appreciate the importance of working out numbers quickly and accurately.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 22: Problems involving multiplication	Knowledge and understanding: Explain the process of solving mathematical word problems involving multiplication. SKILLS: Carry out multiplication of whole numbers. Attitudes and values: Appreciate the importance of multiplication in daily life.	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
Week 5 07-11/ 10/ 2024		LESSON 23: Division without a remainder	Knowledge and understanding: Explain the process of division of two digit numbers without remainders. SKILLS: Carry out division of	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			whole numbers. Attitudes and values: Appreciate the importance of division in daily life.			
		LESSON 24: Division with remainder	Knowledge and understanding: Explain the process of division of two digit numbers with remainders. SKILLS: Carry out division of whole numbers. Attitudes and values: Appreciate the	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 25: Problems involving division	Knowledge and understanding: Explain the process of solving mathematical word problems involving division on two or more numbers of two digits or more. SKILLS: Carry out division of whole numbers. Attitudes and values: Appreciate the importance of working numbers quickly	Group work Discussion, Dictation , Matching game, observation.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 40: ASSESSMENT	Key unity competence: To be able to read ,write and work out numbers	Written questions		
Week 6 14-18/ 10/2024	Unit 2: positive and negative integers.	LESSON 1: Definition of integer	Knowledge and understanding: Define an integer. Skills: Define an integer. Attitudes and values:	Group work, Game ,Mental activities, Puzzle s.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			Appreciate the importance of an integer.			
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		LESSON 2:..Number line	Knowledge and understanding: Draw a number line and label it. Skills: Identify the parts of a number line. Attitudes and values: Name the parts of a number line	Group work, Game ,Mental activities, Puzzle s.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 3: The meaning of negative and positive numbers in contexts like temperature, buying and selling, etc.	Knowledge and understanding: Locate negative and positive numbers on the number line. Skills: Locate negative and positive numbers on the number line. Attitudes and values::Appreciate the importance of using positive and negative	Group work, Game ,Mental activities, Puzzle s.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 4:Inverse or opposite of an integer	Knowledge and understanding: Give the opposite of a given integer. Skills: Give the opposite of a given integer. Attitudes and values: Appreciate the opposite of a given integer.	Group work, Game ,Mental activities, Puzzle s.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 5: location of positive and negative numbers on a number line.	Knowledge and understanding: Locate positive and negative numbers on a number line. Skills::Locate positive and negative numbers on a number line. Attitudes and values: Appreciate the importance of using positive and negative	Group work, Game ,Mental activities, Puzzle .	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		Lesson 6:location of positive and negative numbers on a number line.	Knowledge and understanding: Locate positive and negative numbers on a number line. Skills::Locate positive and negative numbers on a number line. Attitudes and values: Appreciate the importance of using positive and negative	Group work, Game ,Mental activities, Puzzle s.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson7: Comparison of negative numbers using a number line.	Knowledge and understanding: Explain that when two numbers are placed on the number line, the number to the right is greater than to the left. Skills: Apply knowledge of position on a number line to determine which of two numbers is greater. Attitudes and values: Appreciate the	Group work, Game ,Mental activities, Puzzle s.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
Week 7 21-25/10 2024		Lesson 8: Ordering of negative numbers using a number line.	Knowledge and understanding: Explain that when two numbers are placed on the number line, the number to the right is greater than to the left. Skills: Apply knowledge of position on a number line to determine which of two numbers is greater. Attitudes and values: Appreciate the	Group work, Game ,Mental activities, Puzzle s.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 9: Comparison of positive numbers using a number line.	Knowledge and understanding: Explain that when two numbers are placed on the number line, the number to the right is greater than to the left. Skills: Apply knowledge of position on a number line to determine which of two numbers is greater. Attitudes and values: Appreciate the	Group work, Game ,Mental activities, Puzzles.	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	

		Lesson10: Ordering of positive numbers using a number line.	<p>Knowledge and understanding: Explain that when two numbers are placed on the number line, the number to the right is greater than to the left.</p> <p>Skills: Apply knowledge of position on a number line to determine which of two numbers is greater.</p> <p>Attitudes and values: Appreciate the</p>	Group work, Game ,Mental activities, Puzzles.	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson 11: Distance between integers	<p>Knowledge and understanding: Locate positive and negative numbers on the number line.</p> <p>Skills: Computing distance between integers. Attitudes and values: Appreciate the importance of using positive and negative</p>	Group work, Game ,Mental activities, Puzzles.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 12: Solve problems involving integers, including computing, distance between integers.	<p>Knowledge and understanding: Locate positive and negative numbers on the number line.</p> <p>Skills: Locate positive and negative numbers on the number line.</p> <p>Attitude and values: Appreciate the importance of using positive and negative</p>	Group work, Game ,Mental activities, Puzzles.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 13: Solve problems involving integers, including computing, distance between integers.	<p>Knowledge and understanding: Locate positive and negative numbers on the number line.</p> <p>Skills: Locate positive and negative numbers on the number line.</p> <p>Attitude and values: Appreciate the importance of using positive and negative numbers</p>	Group work, Game ,Mental activities, Puzzles.	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 14: ASSESSMENT	Key unit competence: to be able to solve problems related to comparing, ordering	Written questions		

			and finding the distance between integers			
Week 8 28/10-01/11/2024	Unit 3: Classifying numbers by their properties	Lesson 1: Odd and even numbers.	Knowledge and understanding: Explain the meaning of odd and even numbers. Skills: Classify numbers as odd and even numbers. Attitudes and values: Appreciate the importance of using odd and even numbers.	Games, role plays, group work.	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson 2: square and square roots numbers.	Knowledge and understanding: Explain the meaning of square and square root numbers. Skills: Classify numbers as square and square roots numbers . Attitudes and values: Appreciate the importance of using square and square roots.	Games, role plays, group work.	Mathematics for Rwandan primary schools ,pupil's book P 4.(SPOT LIGHT)	
		Lesson 3 : Prime numbers	Knowledge and understanding: Explain the meaning of prime numbers. Skills: Classify numbers as prime numbers . Attitude and values: Appreciate the importance of using prime numbers .		Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson4: Multiples of numbers	Knowledge and understanding: Explain the meaning of multiples of numbers. Skills: Classify multiples of a given number. Attitude and values: Appreciate the multiples of the given numbers.		Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	

		Lesson 5: Factors of numbers.	Knowledge and understanding: Explain the meaning of factors of numbers. Skills: Classify factors of a given number. Attitudes and values: Appreciate the factors of the given number.	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson 6: squares and exact square roots.	Knowledge and understanding: List numbers in each family and explain the properties of different families of numbers. Skills: Calculate the square of a number and find the square root of a square number less than or equal 100. Attitudes and values: Being cooperative and displaying a team work spirit.	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 7: Problems involving square root.	Knowledge and understanding : Solve problems involving square roots. Skills: Calculate the square root of a square number. Attitudes and values: Demonstrate creativity in problem solving.	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
Week9 4 -8/11/ 2024		Lesson 8: Calculating the LCM.	Knowledge and understanding : State the method / steps for calculating the LCM. Skills: Calculate the LCM of two numbers. Attitudes and values: Being attentive.	Group work Discussion	Mathematics for Rwandan primary schools, pupil's bookP4.(SPOT LIGHT)	
		Lesson 9: Calculating the LCM	Knowledge and understanding : State the method / steps for calculating the LCM. Skills: Calculate the LCM of two numbers. Attitudes and values: Being attentive.	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		Lesson: ASSESSMENT	Key unit competence: To be able to classify numbers	Oral and written questions		
	UNIT 4: Fractions of same denominators.	Lesson 1: The meaning of fractions.	Knowledge and understanding : Explain the meaning of fraction. Skills: Define fraction. Attitudes and values: Appreciate the denominator and numerator of a fraction.	Group work Discussion Concrete, pictorial and abstract approach(CPA)	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson 2: Read and write fractions	Knowledge and understanding : Read and write fractions. Skills: Read and write fractions. Attitudes and values: Reading and writing fractions.	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 3: Comparing fractions with the same denominators .	Knowledge and understanding :Explain and show how to compare fractions with the same denominators. Skills: Compare two fractions with the same denominators. Attitudes and values: Compare two fractions with the same denominators.	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson 4: Reading and writing mixed fractions.	Knowledge and understanding :Read and write mixed fractions. Skills: Read and write mixed fractions. Attitudes and values :Read and write mixed fractions.	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson 5: Compare mixed fractions.	Knowledge and understanding :Compare mixed fractions. Skills: Compare given mixed fractions. Attitudes and values :Compare given mixed fractions.	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		Lesson 6: Equivalent mixed fractions.	Knowledge and understanding : Read and write fractions. Skills: Compare two fractions with the same denominators. Attitudes and values : Appreciate the importance of accuracy in carrying out operations on fractions.	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson 7: Addition of fractions with the same denominators.	Knowledge and understanding : Explain and show how adding fractions with the same denominators. Skills : Add fractions that have the same denominators. Attitudes and values : Develop personal confidence in carrying out operations on fractions.	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
WEEK 10 11-15/11 /2024		Lesson 8: Addition of fractions with the same denominators.	Knowledge and understanding : Explain and show how adding fractions with the same denominators. Skills: Add fractions that have the same denominators.	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson 9: Word problems involving addition of fractions.	Attitudes and values : Develop personal Knowledge and understanding : Explain the process of solving problems involving addition of fractions.. Skills: Apply the knowledge of fractions to solve mathematical problems that involve operation of fractions. Attitudes and values : Develop personal confidence in carrying out operations	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		Lesson 10: Subtraction of fractions with the same denominators.	<p>Knowledge and understanding : Explain and show how subtracting fractions with the same denominators.</p> <p>Skills: Subtract fractions that have the same denominators.</p> <p>Attitudes and values : Develop personal confidence in carrying out operations on fractions.</p>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 11: Subtraction of fractions with the same denominators.	<p>knowledge and understanding : Explain and show how subtracting fractions with the same denominators.</p> <p>Skills: Subtract fractions that have the same denominators.</p> <p>Attitudes and values : Develop personal</p>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson 12: Problems involving Addition of fractions.	<p>confidence in carrying out operations on</p> <p><i>Knowledge and understanding</i> : Explain the process of solving problems involving addition of fractions.</p> <p><i>Skills</i> : Apply the knowledge of fractions to solve mathematical problems that involve operation of fractions.</p> <p><i>Attitudes and values:</i> <i>Appreciate the importance of accuracy in carrying out fractions</i></p>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		Lesson13: Problems involving subtraction of fractions.	<p>Knowledge and understanding: Explain the process of solving problems involving subtraction of fractions.</p> <p>Skills: Apply the knowledge of fractions to solve mathematical problems that</p>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			involve operation of fractions. Attitudes and values: Appreciate the importance of accuracy in carrying out			
		Lesson 14: Multiplication of fractions by a whole number.	Knowledge and understanding : Explain how to multiply fractions by whole numbers. Skills : Multiply fractions by a whole number. Attitudes and values : Appreciate the importance of accuracy in carrying out	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 15: Multiplication of fractions by whole numbers.	Knowledge and understanding: Explain how to multiply fractions by whole numbers. Skills: Multiply fractions by a whole number. Attitudes and values: Appreciate the importance of accuracy in carrying out	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 16: Multiplication of fraction by fraction.	Knowledge and understanding: Explain how to multiply a fraction by a fraction. Skills: Multiply a fraction by a fraction. Attitudes and values: Appreciate the importance of accuracy in carrying out multiplications of a fraction by a fraction.	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 17: Division of fractions by a whole number.	Knowledge and understanding : Explain how to divide fractions by whole numbers. Skills : Divide a fraction by a whole number. Attitude and value : Appreciate the importance of accuracy when working out division of fraction by a whole	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			number.			
		LESSON 18: Problems involving multiplication and division of fractions.	Knowledge and understanding: Explain the process of solving problems involving multiplication and division of fractions. Skills : Solve problems involving multiplication and division of fractions. Attitude and value: Appreciate the importance of accuracy when working out multiplication and division of fractions.	Group work Discussion -	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 19: Problems involving multiplication and division of fractions.	Knowledge and understanding: Explain the process of solving problems involving multiplication and division of fractions. Skills: Solve problems involving multiplication and division of fractions. Attitude and value: Appreciate the importance of accuracy when working out multiplication and division of fractions.	Group work Discussion role-play games	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
WEEK 11 18- 22/11/2024		LESSON 20: ASSESSMENT	Key unity competence: to be able to explain the meaning of fractions and work out fractions	Written questions		

	UNIT 5: Decimal fractions/numb	Lesson 1: Explain the concept of	Correction of first term examination Knowledge and understanding: :Explain the concept of decimal numbers using place values up to 2	Group work,Observati	Mathematics for Rwandan primary	
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	ers	decimal fractions through examples and through "zooming in " on the number line.	decimal places. Skills: Apply decimal concept in solving daily life. Attitudes and values: Develop personal confidence in the use of decimal numbers.	on Problem solving	schools,pupil's book P4.(SPOT LIGHT)	
		Lesson 2: Reading and writing decimal fractions in words.	Knowledge and understanding : Correctly read and write decimal fractions in words. Skills : Read and write decimal fractions. Attitudes and values: Develop personal confidence in the use of decimal numbers.	Group work, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 3: Reading and writing decimal numbers in figures	Knowledge and understanding: Correctly read and write decimal fractions in figures. Skills: Read and write decimal fractions. Attitudes and values: Develop personal confidence in the use of decimal numbers.	Group work, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 4: Place value of decimals:	Knowledge and understanding : Identify place values in written decimals. Skills : Apply decimal concept in	Group work, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	

			solving daily life. Attitudes and values: Develop personal			
		LESSON5 Comparing decimal numbers	Knowledge and understanding : Identify place values in written decimals. Skills : Compare 2 or more decimal numbers using $>$, $<$ or $=$. Attitude and value: Appreciate the importance of decimal fractions in	Group work, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 6: Comparing decimal number	Knowledge and understanding: Identify place values in written decimals. Skills: Compare 2 or more decimal numbers using $>$, $<$ or $=$. Attitude and value: Appreciate the importance of decimal fractions in comparing and sharing	Group work, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 7: Addition of decimals	Knowledge and understanding : Identify place values in written decimals. Skills : Carry out addition of decimal numbers up to 2 decimal places. Attitudes and values: Develop personal confidence in the use	Group work,Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	

			of decimal numbers.			
Week 12 25-29 /11/2024		LESSON 8: subtraction of decimals .	confidence in the use of decimal numbers. Knowledge and understanding: Identify place values in written decimals. Skills: Carry out subtraction of decimal numbers up to 2 decimal places. Attitudes and values: Develop personal confidence in the use of decimal numbers.	Group work, Observation	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 9: subtraction of decimal: hundredths .	Knowledge and understanding: Identify place values in written decimals. Skills: Carry out subtraction of decimal numbers up to 2 decimal places. Attitudes and values: Develop personal confidence in the use of decimal numbers.	Group work, Observation	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
Week13 2-4/12/ 2024		Lesson 10: Problems involving addition and subtraction of decimals.	Knowledge and understanding : Identify the place values in written decimals. Skills : Apply decimal concepts in solving	Group work, Observation	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			daily life math problems. Attitudes and values: Develop personal confidence in the use of decimal numbers.			
		Lesson 13: Problems involving addition and subtraction of decimals.	Knowledge and understanding: Identify the place values in written decimals. Skills: Apply decimal concepts in solving daily life math problems. Attitudes and values: Develop personal confidence in the use of decimal numbers.	Group work, Observation	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 14: Problems involving addition and subtraction of decimals.	Knowledge and understanding: Identify the place values in written decimals. Skills: Apply decimal concepts in solving daily life math problems. Attitudes and values: Develop personal confidence in the use of decimal numbers.	Group work, Observation	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 15: Assessment.	Key unity competence; To be able to add, subtract, compare decimals using place values			
WEEK 13 5-6/12	GENERAL REVISION					

/2024						
WEEK 14 09-13/ 12/2024	EXAMNATION PERIOD					
WEEK 15 16-20/ 12/2024	MARKING & REPORT					
2 ^{END} TERM						
WEEK 1 6-10/01 /2025	UNIT 6: Length measurements.	LESSON 1: Estimate different small distances.	<i>Knowledge and understanding</i> : Build on knowledge and understanding of measurement of length. <i>Skills</i> : Appropriately estimate length and provide a justification. <i>Attitudes and values:</i> Appreciate the	Group work ,Observation	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		LESSON 2: Estimate different small distances.	Knowledge and understanding: Build on knowledge and understanding of measurement of length. Skills: Appropriately estimate length and provide a justification. Attitudes and values: Appreciate the importance of metric measures in daily life.	Group work ,Observation	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 3: Measure the length and perimeter of various objects in different units.	<i>Knowledge and understanding</i> : State different units of length measurements. <i>Skills</i> : Select and use appropriate instruments/tools/materials to measure lengths, using and interpreting scales correctly. <i>Attitudes and values:</i> Recognize the	Group work ,Observation	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			importance of using measuring tools Correctly			
Week 2 13- 17/01/2025		Lesson 4: Measure the length and perimeter of various objects in different units.	Knowledge and understanding: State different units of length measurements. Skills: Select and use appropriate instruments/tools/materials to measure lengths, using and interpreting scales correctly. Attitudes and values: Recognize the importance of using measuring tools	Group work ,Observation Problem solving	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 5: Reading and writing measurements of length.	Knowledge and understanding : State different units of length measurements. Skills : Read and write units of length measurements. Attitudes and values: Appreciate the importance of metric measures in daily life	Group work ,Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		Lesson 6: Conversion of units of length measurements .	Knowledge and understanding : Convert fractions to decimals. Skills : Convert units of length measurements. Attitudes and values: Appreciate the importance of metric measures	Group work ,Observation	Mathematics for Rwandan primary shools,pupil's book P4.(SPOT LIGHT)	

		Lesson7: Conversion of length measurements .	Knowledge and understanding: Convert fractions to decimals. Skills: Convert units of length measurements. Attitudes and values: Appreciate the importance of metric measures in daily life.	Group work ,Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 8: Addition of length measurements of whole and decimal numbers up to 2 decimal places in meaningful	<i>Knowledge and understanding</i> : Add length measurements. <i>Skills</i> : Apply the knowledge of addition length measurements. <i>Attitudes and values:</i> Appreciate the importance of metric measures in daily life.	Group work ,Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 9 Subtraction of length measurements of whole and decimal numbers up to2	Knowledge and understanding: Add length measurements. Skills: Apply the knowledge of subtraction of length measurements. Attitudes and values: Appreciate the importance of metric measures in daily life.	Group work ,Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
Week 3 20-24/01/ 2025		LESSON 10: Multiplication of length measurements by a whole	Knowledge and understanding: Multiply length measurements by a whole number. Skills: Apply the knowledge of	Group work ,Observation	Mathematics for Rwandan primary schools,pupil's	

		number.	multiplication of length measurements by a whole number. Attitudes and values: Appreciate the		book P4.(SPOT LIGHT)	
		LESSON 11: Multiplication of length measurements by a whole number.	Knowledge and understanding: Multiply length measurements by a whole number. Skills: Apply the knowledge of multiplication of length measurements by a whole number. Attitudes and values: Appreciate the	Group work ,Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON12: Perimeter of different shapes.	Knowledge and understanding : Explain the perimeter of shape as the distance around it. Skills : Apply the knowledge of calculating the perimeter of a given shape.	Group work ,Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 13: Perimeter of different shapes.	Knowledge and understanding : Explain the perimeter of shape as the distance around it. Skills : Apply the knowledge of calculating the perimeter of a given shape. Attitude and value : Appreciate the importance of	Group work ,Observation	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			metric measures in daily life.			
		LESSON 14: ASSESSMENT	Key unit competence: to be able to convert between units of length	Written questions		
Week 4 27-31/01/2025	UNIT7: Capacity measurements.	LESSON 1: Estimation of the capacity of different objects.	Knowledge and understanding : Distinguish the capacity of different liquid containers through observation. Skill : Estimate the capacity of a liquid container through observation. Attitude and value: Show an ability to properly use a range of materials to measure different liquids in daily life.	Group work, Individual, Observation	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 2: Measuring different capacities in liters.	Knowledge and understanding : State the different unit of capacity measurements. Skills : Select and use an appropriate tool/material to measure the capacity of different liquid containers. Attitudes and values: Be honesty and	Group work, Individual, Observation	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	

		Lesson 3 Reading and writing measurements of capacity from hl to ml.	<i>trustworthy when measuring different</i> Knowledge and understanding : State the different units of the capacity measurements. Skills : Correctly read and write units of capacity measurements. Attitudes and values: Appreciate the	Group work, Individual, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 4: Conversion of capacity measurements .	reading and writing of capacity Knowledge and understanding : Explain the relationship between units of capacity measurements. Skills : Accurately convert different capacity measurements. Attitudes and value: Show respect to one another when working in groups.	Group work, Individual, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		Lesson5: Addition and subtraction of capacity measurements of whole and decimal numbers up to 2 decimal places in	Knowledge and understanding : Explain the process of addition and subtraction of capacity measurements of whole and decimal numbers up to 2 decimals places in meaningful contexts. Skills : Apply the knowledge of addition and subtraction of capacity measurements of	Group work, Individual, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	

		Lesson 6: problems involving capacity measurements	<i>Knowledge and understanding</i> : Show the process of solving mathematical rule problems involving capacity measurements. <i>Skills</i> : Apply the knowledge of solving mathematical problems involving capacity measurements. <i>Attitudes and values: Show respect to one</i>	Group work, Individual, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 7: Assessment	Key unit competence: To be able to convert add and subtract the units of mass	Written questions		
Week 5 03-07/02/ 2025	UNIT 8: Mass measurements.	LESSON 1: Estimating mass of different things.	<i>Knowledge and understanding</i> :Estimate the mass of different objects through observation. <i>Skills:</i> Select and use the appropriate tool/material to measure the mass of different objects. <i>Attitudes and values:</i> Be honesty and trustworthy when measuring mass.	Group work, Individual, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		Lesson 2: Measuring different objects	<i>Knowledge and understanding</i> : State the units of the mass and relate them to objects they best measure. <i>Skills: Show an ability to properly use different</i>	Group work, Individual, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT	

			scales to measure different masses in daily life situations. <i>Attitudes and values:</i> Be honesty and trustworthy when measuring mass.		LIGHT)	
		Lesson 3: Reading and writing measurements of mass from tone(t) to milligram(mg).	<i>Knowledge and understanding</i> : Read and write mass measurements. <i>Skill:</i> Read and write mass measurements accurately. <i>Attitudes and values:</i> Appreciate the importance of mass	Group work, Individual, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		Lesson 4: Addition and subtraction of mass measurements of whole and decimal numbers up to 2 decimal places in meaningful contexts.	<i>Knowledge and understanding</i> : Explain the process of addition and subtraction of mass measurements of whole and decimal numbers up to 2 decimal places in meaningful contexts. <i>Skills:</i> Apply the knowledge of addition and subtraction of mass measurements. <i>Attitudes and values:</i> Show the spirit of respect to one another	Group work, Individual, Observation	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	

		Lesson 5: Conversion of mass measurements .	<i>Knowledge and understanding</i> : Recognize the relationship between the units of mass measurements. <i>Skills</i> : Accurately convert different measurements of mass. <i>Attitudes and values</i> : Show confidence when working out mass measurements.	Group work, Individual, Observation role play	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		Lesson 6: Problems of mass measurements.	<i>Knowledge and understanding</i> : Explain the process of solving mathematical problems involving mass measurements. <i>Skills</i> : Apply the knowledge of solving mathematical problems involving mass measurements. <i>Attitudes and values</i> : Show confidence when working out mass measurements.	Group work, Individual, Observation games	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 7: ASSESSMENT	Key unit competence: To convert between unit of mass and apply them In solving problems	Written questions		

Week 6 10-14/02 /2025	UNIT 9: Area and land measurements.	Lesson 1: Concept of unit of area/land measurements.	<p><i>Knowledge and understanding</i> : Explain the concept of square units and land units.</p> <p><i>Skills:</i> Practically differentiate the measurements of area from the measurement of length.</p> <p><i>Attitudes and values:</i> Appreciate the importance of measurement of area and land in daily life.</p>	Group work	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 2: Reading and writing measurements of area/land.	<p><i>Knowledge and understanding</i> : Correctly read and write units of area/land measurements</p> <p><i>Skills::</i> Correctly read and write units of area/land measurements</p> <p><i>Attitudes and values:</i> Appreciate the importance of measurements of area and land in daily life.</p>	Group work	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		Lesson 3: Reading and writing measurements of area/land.	<p>Knowledge and understanding: Correctly read and write units of area/land measurements</p> <p>Skills:: Correctly read and write units of area/land measurements</p>	Group work	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	

		Lesson 4: Relationship between area and land measurements.	importance of measurements of area and <i>Knowledge and understanding</i> : Establish the relationship between the unit of area/land measurements <i>Skills:</i> appreciate the relationship between area and land measurements <i>Attitude and value:</i> Appreciate the importance of area and land measurements in daily life situations.	Group work	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
Week 7 17-21/02 /2025		Lesson 5: Understand area as the space enclosed by a boundary.	<i>Knowledge and understanding</i> : Establish the relationship between the unit of land and area measurements <i>Skills:</i> <i>calculate the area as a space enclosed by boundary without using the formula</i> <i>Attitudes and values:</i> <i>show how to properly use different area and land measurements in daily life situations</i>	Group work	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		Lesson 6: conversion of area and land measurements.	<i>Knowledge and understanding:</i> Explain the process of converting area /land measurements. <i>Skills:</i> <i>convert area and land measurements</i> <i>Attitudes and</i>	Group work Role play Problem	Mathematics for Rwandan primary schools,pupil's book	

			values: show how to properly use different area and land measurements	solving	P4.(SPOT LIGHT)	
		Lesson7: Area of rectangle including a square.	<p>Knowledge and understanding :calculate the area of a rectangle including a square</p> <p>Skills :find the area of a rectangle including a square .</p> <p>Attitudes and values: Appreciate the importance of measurements of area and land in daily life.</p>	<p>Role play</p> <p>Problem solving</p>	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		Lesson 8: Area of rectangle including a square.	<p>Knowledge and understanding :calculate the area of a rectangle including a square</p> <p>Skills: find the area of a rectangle including a square .</p> <p>Attitudes and values: Appreciate the importance of measurements of area and land in daily life.</p>	<p>Group work</p> <p>Role play</p> <p>Problem solving</p>	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
Week 8 24-28/02 /2025		Lesson 9: Area of a rectangular piece of land(2D shapes).	<p>Knowledge and understanding : calculate the area of a rectangular piece of land (2D shapes)</p> <p>Skills: Find the area of a rectangular piece of land (2D shapes)</p>	<p>Group work</p> <p>Role play</p> <p>Problem solving</p>	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	

			able to use land and area measurements to solve daily problems			
		LASSON 12 ASSESSMENT				

Week 9 03-07/03 /2025	UNIT 10: Time	Lesson 1: Reading and telling the time accurately using a calendar, digital and clock face.	<i>Knowledge and understanding</i> : Recognize different units of time . <i>Skills:</i> read and tell the time accurately . <i>Attitudes and values:</i> <i>Appreciate the value of time management in daily situation .</i>	Group work	Mathematics for Rwandan primary schools,pupils book P4.(SPOT LIGHT)	
		Lesson 2: Reading and telling the time accurately using a calendar, digital and clock face.	<i>Knowledge and understanding</i> : Recognize different units of time . <i>Skills:</i> read and tell the time accurately . <i>Attitudes and values:</i> <i>Appreciate the value of time management in daily situation .</i>	Group work	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 3: write the time using Ante Meridian to mean before noon(AM)	<i>Knowledge and understanding</i> : Explain the meaning of am and pm. <i>Skills: correctly write units of time</i> <i>Attitudes and values:</i>	Group work	Mathematics for Rwandan primary schools ,pupils book	

		and post Meridian to mean after noon(PM)	<i>appreciate the value of time management in daily situation .</i>		P4.(SPOT LIGHT)	
		LESSON 4: Conversion of time: minutes to hours and vice versa	<i>Knowledge and understanding</i> : Explain the process of conversion of time . <i>Skills: Apply acquired knowledge to convert between unit of time .</i> <i>Attitudes and values:</i> <i>Appreciate the value of time management in daily situations.</i>	Group work	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 5: Conversion of time: seconds into minutes, minutes into hours and vice versa.	<i>Knowledge and understanding</i> : Explain the process of conversion of time . <i>Skills:</i> Apply acquired knowledge to convert between unit of time . <i>Attitudes and values:</i> Appreciate the value of time management in daily situations.	Group work	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		Lesson 6: Solve problems involving time : minutes and hours, dates and hours.	<i>Knowledge and understanding</i> : Explain the process of solving mathematical problems involving time <i>Skills: Apply acquired knowledge to convert between units of time .</i> <i>Attitudes and values:</i> <i>Appreciate the value of time</i>	Group work	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			<i>management in daily situations.</i>			
		Lesson 7: ASSESSMEN T	Key unit competence: To be able to tell, write and convert time	Oral and written questions		
Week 10 10-14/03 /2025	UNITY 11:Money and its financial application	LESSON 1:Rwandan currency denominations and changing them: coins and notes	<i>Knowledge and understanding</i> : Recognize and identify the various denominations of Rwandan currencies. <i>Skills: identify Rwandan currency denominations and changing them.</i> <i>Attitudes and values</i> :Appreciate the importance of money in daily life situations.	Group work ,Role play	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		LESSON 2: Simple budgeting: source of money	<i>Knowledge and understanding</i> : Explain the process of simple budgeting basing on priorities <i>Skills: carry out calculations in simple business transactions..</i> <i>Attitudes and values: show concern of using money honestly.</i>	Group work ,Role play	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		LESSON 3: simple budgeting: Use of money	Knowledge and understanding : Explain the source of money . Skills: Identify the source of money . Attitudes and values: show concern of using money honestly.	Group work ,Role play	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 4: Simple budgeting: Planning according to needs and wants	Knowledge and understanding : State different ways of using money to meet the needs of families Skills: classify needs and wants Attitudes and values: show concern of	Group work ,Role play	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 5: Problems involving buying and selling :cost price, selling price	Knowledge and understanding: Explain the process of solving problems involving buying and selling Skills: solve problems involving buying and selling	Group work ,Role play	Mathematics for Rwandan primary schools ,pupil's book P4.	

Week11 17-19/3/ 2025		LESSON6: Problems involving buying and selling: profit/loss	Attitudes and values: show concern of using Knowledge and understanding: Explain the process of solving problems involving buying and selling Skills: solve problems involving buying and selling show concern of using	Group work ,Role play	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
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			money honestly.			
		LESSON 7 :Assessment	Key unit competence: To be able to understand money and its financial application	Written question		
Week11 20-21/03/ 2025	REVISION PERIOD					
Week12 24-28/03/ 2025	EXAMNATION PERIOD					
WEEK13 31/03- 04/04	MARKING & REPORTING					

3RD TERM

Week 1 22-25/04/ 2025	UNIT12: Number patterns	LESSON 1: Definition of a number pattern	<i>Knowledge and understanding</i> :Explain the meaning of number pattern <i>Skills: Define a number pattern</i> <i>Attitude and value:</i> Appreciate importance of number patterns	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's bookP4.	
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		LESSON 2: Arrange whole numbers in increasing order	<i>Knowledge and understanding</i> : Explain how to order all numbers according to their size in increasing order <i>Skills :Arrange whole numbers in increasing order</i> <i>Attitude and value:</i> Appreciate the importance of orderliness in daily life	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		LESSON 3: Arrange whole numbers in decreasing order	Knowledge and understanding: Explain how to order all numbers according to their size in decreasing order Skills: Arrange whole numbers in decreasing order Attitude and value: Appreciate the importance of orderliness in daily life	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 4: Type of progressions :arithmetic progression involving addition	<i>Knowledge and understanding</i> :Explain the meaning of arithmetic or geometric progressions <i>Skills:</i> Differentiate between arithmetic progression and geometric progression <i>Attitudes and values:</i> <i>Appreciate the spirit</i> of hard work and self confidence	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		LESSON 5: Type of progression: arithmetic progression involving subtraction	<i>Knowledge and understanding</i> :Explain the meaning of arithmetic or geometric progressions <i>Skills:</i> Differentiate between arithmetic progression and geometric progression <i>Attitudes and values:</i> <i>Appreciate the spirit</i> of hard work and self confidence	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 6: Type of progression :arithmetic progression involving subtraction	<i>knowledge and understanding</i> :Explain the meaning of arithmetic or geometric progressions <i>Skills:</i> Differenci ^k ate between arithmetic progressssion and geometric progression <i>Attitudes and values:</i> <i>Apreciate the spirit</i> <i>of hard work and self</i> <i>confidence</i>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
Week 2 28/04- 02/05/ 2025		LESSON 7: Type of progressions: geometric progression involving multiplication	<i>Knowledge and understanding</i> :Explain the meaning of arithmetic or geometric progressions <i>Skills:</i> Differentiate between arithmetic progression and geometric progression <i>Attitudes and values:</i> <i>Appreciate the spirit</i>	Group work Discussion	Mathematics for Rwandan primary schools ,pupils book P4.(SPOT LIGHT)	

			<i>of hard work and self confidence</i>			
		LESSON8 :Type of progressions: geometric progression involving multiplication	<i>Knowledge and understanding</i> :Explain the meaning of arithmetic or geometric progressions <i>Skills:</i> Differentiate between arithmetic progression and geometric progression <i>Attitudes and values:</i> <i>Appreciate the spirit of hard work and self confidence</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 9: Type of progressions: geometric progression involving division	<i>Knowledge and understanding</i> :Explain the meaning of arithmetic or geometric progressions <i>Skills:</i> Differentiate between arithmetic progression and geometric progression <i>Attitudes and values:</i> <i>Appreciate the spirit of hard work and self confidence</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 10: Type of progressions: geometric progression involving division	<i>Knowledge and understanding</i> :Explain the meaning of arithmetic or geometric progressions <i>Skills:</i> Differentiate between arithmetic progression and geometric progression <i>Attitudes and values:</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			<i>Appreciate the spirit of hard work and self confidence</i>			
		LESSON 11: Assessment	<i>Assessment</i>			
Week 3 05-09/05/ 2025	UNIT 13:Filling in missing numbers	LESSON1: Meaning of arithmagon	<i>Knowledge and understanding</i> : Explain the meaning of arithmagon <i>Skills:</i> Define an arithmagorn <i>Attitude and value:</i> <i>Appreciate how to fill an arithmagon</i>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		LESSON 2:Solving simple missing number involving addition	<i>Knowledge and understanding</i> : Know how to solve simple missing number problems involving addition and subtraction <i>Skills:</i> Use relationships between numbers to solve missing number problems <i>Attitudes and values:</i> <i>Appreciate the importance of inverse operations when solving missing number problems and checking answers</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		LESSON 3: Solving simple missing number involving addition	Knowledge and understanding : Know how to solve simple missing number problems involving addition and subtraction Skills: Use relationships between numbers to solve missing number problems Attitudes and values: <i>Appreciate the importance of inverse operations when solving missing number problems and checking answers</i>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		LESSON 4 :Solving simple missing number involving subtraction	Knowledge and understanding : Know how to solve simple missing number problems involving addition and subtraction Skills: Use relationships between numbers to solve missing number problems Attitudes and values: <i>Appreciate the importance of inverse operations when solving missing number problems and checking answers</i>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	

		<p>LESSON 5</p> <p>:Solving simple missing number involving subtraction</p>	<p>Knowledge and understanding</p> <p>: Know how to solve simple missing number problems involving addition and subtraction</p> <p>Skills:</p> <p>Use relationships between numbers to solve missing number problems</p> <p>Attitudes and values:</p> <p><i>Appreciate the importance of inverse operations when solving missing number problems and checking answers</i></p>	<p>Group work</p> <p>Discussion</p>	<p>Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)</p>	
		<p>LESSON 6:</p> <p>Missing number in an arithmagon</p>	<p>Knowledge and understanding</p> <p>: Know how to solve simple missing numbers in an arithmagon</p> <p>Skills: <i>Create missing number in an arithmagon</i></p> <p>Attitude and value: <i>Appreciate the importance of inverse operations when solving missing number problems and checking answers</i></p>	<p>Group work</p> <p>Discussion</p>	<p>Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)</p>	
<p>Week 4</p> <p>12-16/05/2025</p>		<p>LESSON 7:</p> <p>Missing number in an arithmagon</p>	<p>Knowledge and understanding</p> <p>: Know how to solve simple missing numbers in an arithmagon</p> <p>Skills: <i>Create missing number in an arithmagon</i></p> <p>Attitudes and values:</p>	<p>Group work</p> <p>Discussion</p>	<p>Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)</p>	

			<i>Appreciate the importance of inverse operations when solving missing number problems and checking answers</i>			
		LESSON 8:Missing number in an arithmagon	<i>Knowledge and understanding</i> : Know how to solve simple missing numbers in an arithmagon <i>Skills:</i> <i>Create missing number in an arithmagon</i> <i>Attitudes and values:</i> <i>Appreciate the importance of inverse operations when solving missing number problems and checking answers</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 9: Solving missing number problems involving addition	<i>Knowledge and understanding</i> : Know how to solve simple missing numbers problems involving addition and subtraction <i>Skills:</i> Use relationships between numbers to solve missing number problems <i>Attitude and value:</i> Appreciate the importance of solving missing number problems and checking answers	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		LESSON 10: Solving missing number problems involving addition	<i>Knowledge and understanding</i> : Know how to solve simple missing numbers problems involving addition and subtraction <i>Skills:</i> Use relationships between numbers to solve missing number problems <i>Attitude and value:</i> Appreciate the importance of solving missing number problems and checking answers	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 11: Solving missing number problems involving subtraction	<i>Knowledge and understanding</i> : Know how to solve simple missing numbers problems involving addition and subtraction <i>Skills:</i> Use relationships between numbers to solve missing number problems <i>Attitude and value:</i> Appreciate the importance of solving missing number	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 12: Assessment	Key unity competence : To be able to solve missing number problems involving addition and subtraction	Written questions		

Week 5 19-23/05 /2025	UNIT14: Types of lines and angles	LESSON 1: Types of lines	<i>Knowledge and understanding</i> : State different types of lines <i>Skill:</i> Draw lines using <i>appropriate geometrical instruments.</i> <i>Attitude and value:</i> Appreciate the importance of lines in daily activities.	Observation Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 2: Measuring lines segments using a ruler	<i>Knowledge and understanding</i> : Identify and choose appropriate geometrical instruments <i>Skills:</i> Measure line segments using a ruler <i>Attitudes and values:</i> Be confident and accurate when measuring.	Observation ,Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 3: types of angles: Acute and obtuse angles	<i>Knowledge and understanding</i> :Recognize types of angles. <i>Skills:</i> Differentiate types of angles based on their properties . <i>Attitudes and values:</i> Appreciate the importance of angles in daily activities.	Observation, Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 4: Types of angles :Right and straight angles	<i>Knowledge and understanding</i> :Recognize types of angles. <i>Skills:</i> Differentiate types of angles based on their properties . <i>Attitudes and values:</i>	Observation, Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT	

			Appreciate the importance of angles in daily activities.		LIGHT)	
		LESSON 5: types of angles: Complement ARY, supplementary and reflex angles	Knowledge and understanding :Recognize types of angles. Skills: <i>Differentiate types of angles based on their properties .</i> Attitudes and values: Appreciate the importance of angles in daily activities.	Observation, Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		LESSON 6: Measuring angles using a protractor	Knowledge and understanding : Identify and choose appropriate geometrical instruments. Skills: <i>Measure with precision different angles using a protractor .</i> Attitudes and values: <i>Be confident and</i>	Observation, Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 7: Assessment	Key unit competence: to be able to identify types of lines	written		
Week 6 26-30/05/ 2025	UNIT15:2 D Shapes and properties	ASSESSMENT LESSON 1:Naming triangles on the basis of edge lengths: Equilateral, is	Knowledge and understanding : Name triangles and special quadrilaterals. Skills: <i>Identify triangles and special quadrilaterals in every day situations.</i> Attitudes and	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT	

		isosceles, scalene	<i>values: Appreciate the use of properties to distinguish shapes.</i>		LIGHT)	
		LESSON 2: Naming triangles on basis of edge lengths :Equilateral, isosceles, scalene	<i>Knowledge and understanding</i> : Name triangles and special quadrilaterals. <i>Skills: Identify triangles and special quadrilaterals in every day situations.</i> <i>Attitudes and values: Appreciate the use of properties to distinguish shapes.</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 3: Naming triangles using their greatest angles	<i>Knowledge and understanding</i> : Name triangles and special quadrilaterals. <i>Skills: Identify triangles and special quadrilaterals in every day situations.</i> <i>Attitudes and values: Appreciate the use of properties to distinguish shapes.</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON4: Naming triangles using their greatest angles	<i>Knowledge and understanding</i> : Name triangles and special quadrilaterals. <i>Skills: Identify triangles and special quadrilaterals in every day situations.</i> <i>Attitudes and values:</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			<i>Appreciate the use of properties to distinguish shapes.</i>			
		LESSON 5: Definition of quadrilaterals and their types	Knowledge and understanding : Name triangles and special quadrilaterals. Skills: <i>Identify triangles and special quadrilaterals in every day situations.</i> Attitudes and values: <i>Appreciate the use of properties to distinguish shapes.</i>	Group work Discussion	Mathematics for Rwandan primary schools,pupil's book P4.(SPOT LIGHT)	
		LESSON 6: Use of properties sides(equal ,parallel), angles, diagonals(Equal ,bisecte ,perpendicular), lines of symmetry ,order of rotational symmetry to distinguish special	Knowledge and understanding : State geometric properties that can be used to distinguish shapes. Skills: <i>Determine the symmetrical properties of 2D shapes.</i> Attitudes and values: <i>Appreciate the use of properties to distinguish shapes.</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		<p>LESSON 7:</p> <p>Use of properties sides(equal, parallel), angles, diagonals(Equal, bisect, perpendicular), lines of symmetry, order of rotational symmetry to distinguish special quadrilaterals</p>	<p>Knowledge and understanding : State geometric properties that can be used to distinguish shapes.</p> <p>Skills: <i>Determine the symmetrical properties of 2D shapes.</i></p> <p>Attitudes and values: <i>Appreciate the use of properties to distinguish shapes.</i></p>	<p>Group work Discussion</p>	<p>Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)</p>	
		<p>LESSON8:</p> <p>Use of properties sides(equal, parallel), angles, diagonals(Equal, bisect, perpendicular), lines of symmetry, order of rotational symmetry to distinguish special</p>	<p>Knowledge and understanding : State geometric properties that can be used to distinguish shapes.</p> <p>Skills: <i>Determine the symmetrical properties of 2D shapes.</i></p> <p>Attitudes and values: <i>Appreciate the use of properties to distinguish shapes.</i></p>	<p>Group work Discussion</p>	<p>Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)</p>	

		quadrilaterals : rhombus				
		<p>LESSON 9: Use of properties sides(equal, parallel), angles, diagonals(Equal ,bisecte ,perpendicular), lines of symmetry, order of rotational symmetry to distinguish special quadrilaterals: parallelograms</p>	<p><i>Knowledge and understanding</i> : State geometric properties that can be used to distinguish shapes. <i>Skills:</i> <i>Determine the symmetrical properties of 2D shapes.</i> <i>Attitudes and values:</i> <i>Appreciate the use of properties to distinguish shapes.</i></p>	<p>Group work Discussion</p>	<p>Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)</p>	

		<p>LESSON 10:</p> <p>Use of properties sides(equal ,parallel), angles, diagonals(Equal ,bisecte, perpendicular), lines of symmetry, order of rotational symmetry to distinguish special quadrilaterals: Trapezium</p>	<p>Knowledge and understanding : State geometric properties that can be used to distinguish shapes.</p> <p>Skills: <i>Determine the symmetrical properties of 2D shapes.</i></p> <p>Attitudes and values: <i>Appreciate the use of properties to distinguish shapes.</i></p>	<p>Group work Discussion</p>	<p>Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)</p>	
		<p>LESSON 11:</p> <p>Use of properties sides(equal ,parallel), angles, diagonals(Equal ,bisecte ,perpendicular), lines of symmetry,order of rotational symmetry to distinguish</p>	<p>Knowledge and understanding : State geometric properties that can be used to distinguish shapes.</p> <p>Skills: <i>Determine the symmetrical properties of 2D shapes.</i></p> <p>Attitudes and values: <i>Appreciate the use of properties to distinguish shapes.</i></p>	<p>Group work Discussion</p>	<p>Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)</p>	

		special quadrilaterals: trapezium				
		LESSON 12: Use of properties sides(equal, parallel), angles,diagonal (Equal,bisecte, perpendicular),lines of symmetry,order of rotational symmetry to distinguish special quadrilaterals :kite	Knowledge and understanding : State geometric properties that can be used to distinguish shapes. Skills: <i>Determine the symmetrical properties of 2D shapes.</i> Attitudes and values: <i>Appreciate the use of properties to distinguish shapes.</i>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		LESSON 13: Assessment		written		
Week 7 02-06/06/ 2025	UNIT16: Area of 2D Shapes	LESSON1:peri meter of a Closed figure: Triangle	Knowledge and understanding : Explain perimeter as the space around a shape. Skills: <i>Practically determine the perimeter of triangles.</i> Attitudes and values: <i>Appreciate the perimeter of different triangles.</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

		LESSON 2: perimeter of a closed figures: Square and rectangle	Knowledge and understanding : Explain perimeter as the space around a shape. Skills: <i>Practically determine the perimeter of square and rectangle.</i> Attitudes and values: <i>Appreciate the perimeter of a square and rectangle.</i>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		LESSON 3: Perimeter of a closed figure :parallelogram and Rhombus	Knowledge and understanding : Explain perimeter as the space around a shape. Skills: <i>Practically determine the perimeter of parallelogram and rhombus.</i> Attitudes and values: <i>Appreciate the perimeter of parallelogram and rhombus.</i>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		LESSON 4: Perimeter of a closed figure :trapezium and other figure shapes	Knowledge and understanding : Explain perimeter as the space around a shape. Skills: <i>Practically determine the perimeter of trapezium.</i> Attitudes and values: <i>Appreciate the perimeter of trapezium.</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 5: Area of triangles	Knowledge and understanding : Explain area as the space enclosed by a perimeter. Skills: <i>Practically determine the area of triangle.</i> Attitudes and values:	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT	

			<i>Appreciate that the relationship between area and perimeter is simple.</i>		LIGHT)	
		LESSON 6: Area of quadrilaterals: Rectangle	Knowledge and understanding : Explain area as the space enclosed by a perimeter. Skills: <i>Practically determine the area of rectangle.</i> Attitudes and values: <i>Appreciate that the relationship between area and perimeter is simple.</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 7: Area of quadrilaterals: Square	Knowledge and understanding : Explain area as the space enclosed by a perimeter. Skills: <i>Practically determine the area of square.</i> Attitudes and values: <i>Appreciate that the</i>	Group work Discussion	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 8: Area of quadrilaterals: Rhombus	<i>relationship between area and perimeter is</i> Knowledge and understanding : Explain area as the space enclosed by a perimeter. Skills: <i>Practically determine the area of rhombus.</i> Attitudes and values: <i>Appreciate that the</i>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	

		<p>LESSON 9: Area of quadrilaterals: Parallelogram</p>	<p><i>relationship between area and perimeter .</i> Knowledge and understanding : Explain area as the space enclosed by a perimeter. Skills: <i>Practically determine the area of parallelogram.</i> Attitudes and values: <i>Appreciate that the relationship between area and perimeter is</i></p>	<p>Group work Discussion</p>	<p>Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)</p>	
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		<p>LESSON 10: Area of quadrilaterals: Trapezium</p>	<p>Knowledge and understanding : Explain area as the space enclosed by a perimeter. Skills: <i>Practically determine the area of trapezium.</i> Attitudes and values: <i>Appreciate that the relationship between area and perimeter is simple.</i></p>	<p>Group work Discussion</p>	<p>Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)</p>	
		<p>LESSON 11: Area of quadrilaterals:kite</p>	<p>Knowledge and understanding : Explain area as the space enclosed by a perimeter. Skills: <i>Practically determine the area of kite.</i> Attitudes and values: <i>Appreciate that the relationship between area and perimeter is simple.</i></p>	<p>Group work Discussion</p>	<p>Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)</p>	

		LESSON 12: Area of shapes that can be related to rectangle	<i>Knowledge and understanding</i> : Explain area as the space enclosed by a perimeter. <i>Skills: Practically determine the area of shapes that can be related to rectangle.</i> <i>Attitudes and values:</i> <i>Appreciate that the relationship between area and perimeter is simple.</i>	Group work Discussion	Mathematics for Rwandan primary schools ,pupil's book P4.(SPOT LIGHT)	
		LESSON13: Assessment	Key unit competence: to be able to use rectangle to determine the area of triangle	written		
WEEK 8 09-11/06/ 2025	UNIT17: Elementa ry statistics	Lesson 1:Meaning of statistic and data	<i>Knowledge and understanding</i> : Explain the concepts of statistic and data <i>Skills: Define statistic and data.</i> <i>Attitudes and values:</i> <i>Appreciate the importance of statistic and data.</i>	Group discussion ,Observation ,Demonstrati on	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 2:Meaning of statistic and data	<i>Knowledge and understanding</i> : Explain the concepts of statistic and data <i>Skills: Define statistic and data.</i> <i>Attitudes and values:</i> <i>Appreciate the importance of statistic and data.</i>	Group discussion, Observation, Demons tration	Mathematics for Rwandan primary shools,pupil's book P4.(SPOT LIGHT)	

		LESSON 3:Types of data: Quantitative data	<i>Knowledge and understanding</i> : Differentiate between quantitative and qualitative data. <i>Skills:</i> <i>Apply the knowledge acquired to distinguish between quantitative and qualitative data.</i> <i>Attitudes and values:</i> <i>Appreciate the use of quantitative and qualitative data.</i>	Group discussion, Observation, Demonstration	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 4:Types of data: Qualitative data	<i>Knowledge and understanding</i> : Differentiate between quantitative and qualitative data. <i>Skills:</i> <i>Apply the knowledge acquired to distinguish between quantitative and qualitative data.</i> <i>Attitudes and values:</i> <i>Appreciate the use of quantitative and qualitative data.</i>	Group discussion, Observation, Demonstration	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 5:Ways of collecting data	<i>Knowledge and understanding</i> : Explain how data are collected . <i>Skills:</i> <i>Analyze and describe the possible ways data is collected.</i> <i>Attitudes and values:</i>	Group discussion, Observation, Demonstration	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT	

			<i>Appreciate the importance of data collection in daily life situations.</i>		LIGHT)	
		LESSON 7:Representing data using table	<i>Knowledge and understanding</i> : Describe how to represent information using tables. <i>Skills:</i> Explain different ways of representing data. <i>Attitudes and values:</i> Appreciate the importance of statistics in daily life situations.	Group discussion, Observation, Demonstration	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 8:Representing data using bar graphs	<i>Knowledge and understanding</i> : Describe how to represent information using bar graphs. <i>Skills:</i> Explain different ways of representing data. <i>Attitudes and values:</i> Appreciate the importance of statistics in daily life situations.	Group discussion, Observation, Demonstration	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 9:Interpreting and extracting information from tables and bar graphs	<i>Knowledge and understanding</i> : Explain the process of interpreting and extracting information from tables and bar graphs. <i>Skills:</i> Solve mathematical problems involving interpretations and extractions of information from tables in daily life. <i>Attitudes and values:</i>	Group discussion, Observation, Demonstration	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

			<i>Appreciate the importance of statistic tables and bar graphs in daily life situations.</i>			
		LESSON 10	Assessment			
	UNIT18: Introduct ion to probabili ty	LESSON 1: Meaning ASSESSMENT of probability	<i>Knowledge and understanding</i> : Explain the meaning of probability. <i>Skills:</i> Define probability. <i>Attitudes and values:</i> <i>Appreciate the importance of probability in daily life.</i>	Group work	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON2: Play games of chance and decide whether or not they are fair.	<i>Knowledge and understanding</i> : Know and explain that games have rules and may not be fair . <i>Skills:</i> To take turns when playing games of chance involving coins, dice and cards. <i>Attitudes and values:</i> <i>Appreciate the importance of following rules and taking turns when playing games.</i>	Group work	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	
		LESSON 3:The rules of the games	<i>Knowledge and understanding</i> : Know and explain that games have rules and may not be fair . <i>Skills:</i> To decide whether or not a game is fair. <i>Attitudes and values:</i> <i>Appreciate the importance of following rules and taking turns when playing games.</i>	Group work	Mathematics for Rwandan primary schools, pupil's book P4.(SPOT LIGHT)	

Week8 12-13/6/ 2025	REVISI ON	REVISION	REVISION			
Week 9 16-20/ 6 /2025	EXAMINATIONS PERIOD					
Week 10 23-27/06/ 2025	MARKING AND SCHOOL REPORT					