PRIMART SIX MATHEMATICS SCHEME OF WORK

Teachers 'Name: …….
School Name: …….
Class: P6
Subject: Mathematics

Academic year: 2025-2026
Term: One
Number of weeks per term:15
Number of periods per week: 9

Unit title 1: Reading, writing and comparing whole numbers beyond 1,000,000
Number of periods: 24
Key unit competence: Pupils will be able to read, write, compare and make calculations on whole numbers beyond 1 000 000

Dates/weeks	Lesson title/periods	Learning objectives	Content Summary	Teaching and learning activities /approaches	Teaching and learning aids	Assessment (strategies and learning outcomes)	References	Weekly observation/Remarks
Week 1: 8-13 Sept 2025	**Lesson 1:** Introduction on the content of the unit **(1period)**	Identify objects with content about the numbers beyond 1,000,000 in real life.	Sign posts, bank slip, Whole numbers, Millions, Hundred thousand, Less than, Greater than.	In groups, pupils will identify numbers beyond 1,000,000 and objects where they can find suc numbers. Harmonize their work and arouse their curiosity on the content of this unit.	Manila cards flash cards chalkboard illustrations pens pencils. Abacus Different counters	Pupils will be able to give oral answers on examples of numbers beyond 1,000,000 and objects or things that contain such numbers.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page1)	

	Lesson2: Place Values of whole Numbers up to 7 digits **(1period)**	Write the place value of each digit in the given 7-digits' number.	Place value: Ones, Tens, Hundreds, Thousands Hundred thousands, Millions.	In small groups of discussion, pupils will do the activity Identify place values Harmonize answers Guide the whole class	Manila cards flash cards chalk illustrations pens pencils. Abacus Different counters	Pupils will be given oral and written questions about writing the place value of each digit of a number, matching digits to their place values.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page2-4)	
	Lesson 3: Forming numbers beyond 1,000,000 by using number cards or given digits, reading and writing the formed numbers in figures. **(1period)**	Accurately form, read and write numbers beyond 1,000,000 in figures.	Place value Ones Tens Hundreds Thousands Hundred thousands Millions	Help learners to form groups Pupils will do the activity 1.1 in their books. Monitor learners' progress	Manila cards flash cards chalk illustrations pens pencils. Abacus Different counters	Pupils should be given written questions about forming biggest and smallest numbers and reading them	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page4-5)	

	Lesson4: Reading and writing numbers beyond 1,000,000 in words. **(1period)**	Read and write numbers beyond 1,000,000 in words.	Place value Ones Tens Hundreds Thousands Hundred thousand Millions	Guide learners to review the place value and value Take learners through the learning activity in the learner's Book; Groups Will present the findings	Manila cards flash cards chalk illustrations pens pencils. Abacus Different counters	Pupils should be given written activities about reading and writing numbers beyond 1,000,000.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page5-7)	
	Lesson5: Comparing Numbers using <, > or = **(1period)**	Compare numbers beyond 1000000.	Is less than (<), Is greater than (>), equals (=), more, less.	Form groups Discuss the examples 1, 2 and 3 in the Learner's Book. work in pairs the activity 1.4 in the Learner's Book Mark their books	Manila cards flash cards chalk illustrations pens pencils. Abacus Different counters	Pupils should attempt written activities about Comparing numbers beyond 1000000.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page7-8)	

	Lesson 6: Arranging numbers in ascending and descending order **(1period)**	Arrange numbers from the smallest to the biggest and vice versa.	Less than, Greater than, ascending order, descending order.	Guide learners to make a review on the comparison of whole numbers Ask the learners to study the example in the Learner's Book Assign pupils to work in pairs the application activity 1.5 Mark their books	Manila cards flash cards chalk illustrations pens pencils. Abacus Different counters	Pupils should attempt written activities about Comparing and arranging numbers beyond 1,000,000 (in increasing or decreasing order).	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page9-10)	
	Lesson7: Addition of whole numbers beyond 1,000,000 using both table and wooden vertical abacus / 1 period	Carry out addition of whole numbers using place value abacus, table of place value and standard written method and.	Place value Sum Altogether Add Carrying Vertical addition	–Take groups through the learning activity from the pupils book; –Request them to work out the sum of the numbers. –Invite groups to share with others in the whole class discussion.	Manila cards flash cards chalk illustrations pens pencils. Abacus	Pupils should be given different activities involving addition of whole numbers beyond 1,000,000 using both table and wooden vertical abacus	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page10-11)	

	Lesson8: Addition of whole numbers beyond 1,000,000 **(1period)**	Addition of whole numbers beyond 1,000,000 with and without carrying.	Place value Sum Altogether Add Carrying Vertical addition	Take pairs of learners through example 1 and 2 in Learner's Book Ask learners to share what they have experienced in pairs Assign students to work individually the application 1.6 Mark their work and give feedback	Manila cards flash cards chalk illustrations pens pencils. Abacus Different counters	Pupils should be given written questions about the addition of whole numbers beyond 1,000,000.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page10-11)	
	Lesson 9: Remedial activities **(1period)**	To reduce learning gaps and enhance child's study habits.	Place value; Digit; Number Whole number; Millions; Hundred thousand; Less than; Greater than; Ascending order;	Group learners systematically Give different activities of recapitulation Monitor groups through strategic movements	Manila cards flash cards chalk illustrations pens pencils. Abacus Different counters	Pupils should be; -Asked to solve sample problems, -Invited to do peer-teaching, -Given quick oral reading questions.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page2)	

			Descending order; Expanded form; Value of a digit;					
Week 2: 15-19Sept 2025	**Lesson 10:** Solving related real life problems involving addition of whole numbers beyond 1,000,000 **(1 period)**	Solve word problems involving addition of whole numbers beyond 1,000,000.	Place value Digits Sum Altogether Add Carrying Vertical addition	Take learners into respective groups Take pairs of learners through example 1 and 2 in Learner's Book page. Ask learners to share what they have experienced	Manila cards, flash cards, chalkboard, illustrations, pens pencils. Abacus, Different counters.	Pupils should be given written activities about Solving word problems involving addition of whole numbers beyond 1,000,000.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page11-12)	
	Lesson11: Subtraction of whole numbers using wooden vertical abacus **(2periods)**	Carry out subtraction of whole numbers using table of place value, wooden	Place value Digits difference subtract Borrowing Vertical subtraction Abacus	Take learners into respective groups Take pairs of learners through example 1 and 2	Manila cards, flash cards, chalkboard, illustrations,	Pupils should be given different activities about subtraction of whole numbers	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page11-12)	

		vertical abacus, and the standard written method.		in Learner's Book page17. Ask learners to share what they have experienced	pens, pencils. Abacus, Different counters	using wooden vertical abacus		
	Lesson12: Subtraction of numbers beyond 1,000,000 **(2periods)**	Carry out the subtraction of numbers beyond 1,000,000	Place value Digits difference subtract Borrowing Vertical subtraction	Help learners to form groups Pupils will do the **activity 1.8(page13)** in their books. Monitor learners' progress	Manila cards, flash cards, chalkboard, illustrations, pens pencils. Different counters.	Pupils should be given different step by step exercises on subtraction of numbers beyond 1,000,000.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page13-14)	
	Lesson13: Solve real life problems involving subtraction of numbers beyond 1,000,000 **(1period)**	Apply subtraction of numbers beyond 1,000,000 in solving real life word problems	Place value Digits difference subtract Borrowing Vertical subtraction	Guide learners to make a review on the subtraction of whole numbers Ask the learners to study the example in the	Manila cards flash cards chalkboard illustrations pens pencils.	Pupils should be given different step by step world problems involving subtraction of numbers beyond	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page14-15)	

				Learner's Book(page15) Assign pupils to work in pairs the application activity 1.8 Mark their books.	Different counters	1,000,000 in real life.		
	Lesson14: Multiplying numbers by a 2 or 3-digit number. **(2periods)**	Multiply numbers beyond 1,000,000 by a 2 or 3-digit number	Place value Digits Product Multiplication Carrying Vertical multiplication	Guide learners to make a review on the addition of whole numbers Ask the learners to study the example in the Learner's Book(page17) Assign pupils to work in pairs the application activity 1.10 Mark their books.	Manila cards flash cards chalkboard illustrations pens pencils. Different counters	Pupils should be given a variety of activities involving Multiplication of numbers by a 2 or 3-digit number.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page16-17)	
	Lesson15:	Multiplying numbers	Place value Digits	Guide learners to make a	Manila cards	Pupils should be given a	MATHEMATICS PRIMARY 6	

	Solving problems using calculation strategies on multiplication**(1period)**	beyond 1,000,000 from word problems.	Product Multiplication Carrying Vertical multiplication	review on the multiplication of whole numbers Ask the learners to study the example in the Learner's Book(page15) Assign pupils to work in pairs the application activity 1.8 Mark their books.	flash cards chalkboard illustrations pens pencils. Different counters	variety of activities involving Multiplication of numbers beyond 1,000,000 from word problems.	PUPIL'S BOOK Version Edited in 2025(page17-18)	
	Lesson16: Remedial activities **(1 period)**	Reduce learning gaps and enhance child's study habits	Place value; Digit; Number Whole number; Sum; product; difference, take away; reduce; increase	Group learners systematically Give different activities of recapitulation Monitor groups through strategic movements	Manila cards flash cards chalk illustrations pens pencils. Abacus	Pupils should be; -Given written quiz on the unit. -Asked to solve sample problems. -Invited to do peer-teaching.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025	

					Different counters	-Given quick oral reading questions.		
Week 3: 22-26 Sept 2025	**Lesson 17:** Dividing numbers beyond 1,000,000 **(2periods)**	Divide correctly a numbers beyond 1,000,000 by another number.	Place value; Digit; Number Whole number; Sum; product; difference, take away; reduce; increase	Guide learners to make a review on the subtraction of whole numbers Ask the learners to study the example in the Learner's Book(page15) Assign pupils to work in pairs the application activity 1.8 Mark their books.	Manila cards flash cards chalk illustrations pens pencils. Abacus Different counters	Pupils should be given a variety of activities involving correct division of a number by another number.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(18-19)	
	Lesson18: Solving problems using calculation strategies on division **(1 period)**	Divide equally and correctly a number of objects beyond	Place value; Digit; Number Whole number;	Take learners into respective groups Take pairs of learners through	Manila cards flash cards	Pupils should be given a variety of activities involving dividing	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(19)	

		1,000,000 to a given number of people.	product; difference, take away; reduce; increase quotient	example 1 and 2 in Learner's Book page19. Ask learners to share what they have experienced	chalk illustrations pens pencils. Abacus Different counters	equally and correctly a number of objects beyond 1,000,000 to a given number of people.		
	Lesson19: Rounding off whole numbers to the nearest tens **(1 period)**	Find the number after rounding up or rounding down the given number such that the ones are represented by 0	Rounding off; rounding up/down; round number	Guide learners to make a review on the multiplication of whole numbers Ask the learners to study the example in the Learner's Book(page20-21) Assign pupils to work in pairs the application activity 1.14 Mark their books.	Manila cards flash cards chalk illustrations pens pencils. Abacus Different counters Number line	Pupils should be given a variety of activities about finding the number after rounding up or rounding down the given number such that the ones are represented by 0.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(19)	

	Lesson20: Rounding off whole numbers to the nearest hundred and thousands **(1 period)**	Find the number after rounding up or rounding down the given number such that the nearest hundreds and nearest thousands.	Rounding off; rounding up/down; round number	Guide learners to make a review on the multiplication of whole numbers Ask the learners to study the example in the Learner's Book (page 22) Assign pupils to work in pairs the application activity 1.15 Mark their books.	Manila cards flash cards chalkboard illustrations pens pencils. Abacus Different counters Number line	Pupils should be given a variety of activities involving finding the number after rounding up or rounding down the given number such that the nearest hundreds and nearest thousands	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(21-23)	
	Lesson21: Rounding off whole numbers to the nearest ten thousand, hundred thousand and millions **(1 period)**	Rounding off whole numbers to the nearest ten thousands, hundred thousands and millions.	Rounding off; rounding up/down; round number	Guide learners to make a review on the multiplication of whole numbers Ask the learners to study the example in the	Manila cards flash cards chalkboard illustrations pens pencils.	Pupils should be given a variety of activities rounding off whole numbers to the nearest ten thousands, hundred	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(21324)	

				Learner's Book (page 23-24) Assign pupils to work in pairs the application activity 1.16 Mark their books.	Abacus Different counters Number line	thousands and millions.		
	Lesson 22: Remedial activities **(1 period)**	Reduce learning gaps and enhance child's study habits	Place value; Digit; Number Whole number; Sum; product; difference, take away; reduce; increase Quotient; rounding off; rounding off	Group learners systematically Give different activities of recapitulation Monitor groups through strategic movements	Manila cards flash cards chalkboard illustrations pens pencils. Abacus Different counters Number line	Pupils should be; -Given written quiz on the unit -Asked to solve sample problems -Invited to do peer-teaching -Given quick oral reading questions	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025	
	Lesson23: End unit assessment **(1 period)**	Assess the achievement of unit 1 objectives	Place value; Digit; Number	Give individual work	Chalkboard illustrations	Pupils should be given a set of questions extracted	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

			Whole number; Sum; product; difference, take away; reduce; increase Quotient; rounding off; rounding off	Monitor their work Mark, give feedback and do corrections where necessary		from end of unit assessment and from different areas in that very unit in order to Assess the achievement of unit 1 objectives	Version Edited in 2025(page 25)	
	Lesson24: Presentation of the project: Performing multiplication and division of numbers using the "Two-five bead abacus" **(1 period)**	Assess the creativity; innovation and application levels at the end of unit one	Product, sum, quotient, abacus, difference	Take learners into respective groups Assign each group with a task(project). Let learners have a general idea about the assigned work. Ask learners to share what they have experienced. Invite learners to present their findings at the		Through a whole class discussion, pupils should be able to: -Present the work done by explaining orally and by writing essential points of the work done. - Answer to questions from the classmates and teacher.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK Version Edited in 2025(page25)	

				end of the project. Help them summarize.				

Unit title 2: Multiplication and division of integers
Periods: 16
Key Unit Competence: Pupils will be able to multiply and divide integers.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 4: 29 Sept - 03 Oct 2025	**Lesson 1: Introduction on the content of the unit** (1 period)	Identify objects from the real life where there are integers.	Integers, positive number, negative number.	Class discussion on the importance of integers.	Pictures from the Pupil's Book, thermometer.	**Through questioning and observation.** Pupils should be able to correctly identify and list at least three real-world examples of positive and negative integers (e.g., temperatures,	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 26-27)	

						elevations, financial debt).		
	Lesson 2: Multiplying integers using counters (2 periods)	Multiply integers using visual aids.	Multiplication, counters, 3 groups of 2 red counters, 3 groups of 4 blue counters, opposite of a number.	Hands-on activities using counters to illustrate the multiplication of integers. Pupils work in groups the activity 2.1 to explore the multiplication of integers. They will also work on application activity 2.1 for practice or assessment.	Pictures from pupil's book or cut-outs, blue and red counters, marbles or beans.	Observation of group work and marked application activity. Pupils should be able to use counters to physically model and solve multiplication problems involving positive and negative integers (e.g., $3 \times (-2) = -6$) and explain the meaning of the product.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 27-29)	
	Lesson 3: Multiplying integers using a number	Use a number line for multiplying integers.	Number line, multiplication	Guided practice using a number line for multiplication. Pupils work on the activity 2.2	Pupil's Book, number lines	Short quiz and review of application activity. Pupils should be able to accurately represent	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

	line (2 periods)			in groups to explore the multiplication of integers using a number line. They will also work on application activity 2.2 for practice or assessment.		at least two multiplication problems on a number line and interpret the direction and number of jumps to find the product.	(Pages 29-31)	
	Lesson 4: Multiplying integers without using a number line (2 periods)	Perform multiplication calculations without visual aids.	Multiplication, calculation	Pupils work on the activity 2.3 in groups to explore the multiplication of integers without using a number line. They will also work on application activity 2.3 for practice or assessment.	Pupil's Book, worksheets	Graded worksheet on multiplication problems. Pupils should be able to recall and apply the rules for multiplying integers (e.g., positive × positive = positive, negative × negative = positive) to correctly solve at numerical problems without aids.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 31-32)	

	Lesson 5: Dividing integers using a number line (1 period)	Understand division of integers using a number line.	Division, number line	Demonstration of division using a number line. Pupils work on the activity 2.4 in groups to explore the division of integers using a number line. They will also work on application activity 2.4 for practice or assessment.	Pupil's Book, number lines	**Marked classwork on division problems.** Pupils should be able to use a number line to model a division problem (e.g., -8 ÷ 4) by showing equal groupings and correctly stating the answer.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 32-34)	
	Lesson 6: Remedial activities (1 period)	Reinforce concepts learned in the unit.	Review, reinforcement	Review games and activities to reinforce learning.	Pupil's Book, review materials	**Assessment through targeted questioning:** The teacher will identify pupils struggling with core concepts (like rules of signs) and provide immediate, differentiated	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

						support. Pupils should be able to correct their mistakes with guidance.		
Week 5: 06-10 Oct 2025	**Lesson 7: Dividing integers without using a number line** (2 periods)	Perform division calculations without visual aids.	Division, calculation	Guided practice on division problems. Pupils work on the activity 2.5 in groups to explore the division of integers without using a number line. They will also work on application activity 2.5 for practice or assessment.	Pupil's Book, worksheets	Quiz on division calculations**.** Pupils should be able to apply the rules for dividing integers (which mirror multiplication) to correctly solve a series of numerical division problems (e.g., -15 ÷ -3 = 5) with accuracy.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 34-35)	
	Lesson 8: Solving problems involving	Apply multiplication knowledg	Problem-solving, multiplication	Work in pairs to solve real-life multiplication	Pupil's Book, problem sets	Peer assessment on problem-solving. In pairs, pupils will solve and then swap	MATHEMATICS PRIMARY 6	

	multiplication of integers (2 periods)	e to solve problems.		problems. Pupils work on the activity 2.6 in groups to explore word problems involving multiplication of integers using a number line. They will also work on application activity 2.6 for practice or assessment.		answers to check reasoning and accuracy. Pupils should be able to interpret a word problem, write the correct multiplication equation, solve it, and state a logical answer in context.	PUPIL'S BOOK (Pages 35-36)	
	Lesson 9: Solving problems involving division of integers (2 periods)	Apply division knowledge to solve problems.	Problem-solving, division	Pupils will work on the activity 2.6 in groups to explore word problems involving division of integers using a number line.	Pupil's Book, visuals	**Class activity and marked application activity.** Pupils should be able to deconstruct a word problem, identify the need for division, perform the calculation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 35-36)	

				They will also work on application activity 2.6 for practice or assessment.		correctly, and explain what the quotient represents in the scenario (e.g., rate of change, number of groups).		
	Lesson 10: Remedial activities (1 period)	Reinforce concepts learned throughout the unit.	Review, reinforcement	Review games and recap activities.	Exercises from pupil's Book, review work sheets	**Teacher-led review.** Pupils will complete a short checklist of "I can" statements (e.g., "I can multiply integers," "I can solve a word problem with division") to gauge their own readiness for the final assessment.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
	Lesson 11: End of unit assessment (1 period)	Assess overall understanding of multiplic	Assessment, understanding	Administer Pupils will work on the adapted end-of-unit assessment	Pupil's Book, assessment sheets	**Formal summative assessment.** The end-of-unit test will evaluate pupils' comprehensive ability to multiply	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

		ation and division.		from the pupils' book.		and divide integers using various methods (numerical, word problems). Pupils should demonstrate mastery of the key unit competence.	(Pages 36-37)	

Unit title: 3 Prime factorization and divisibility tests **Number of period: 16**

Key unit competence: Pupils will be able to prime factorize, exploit the rule of divisibility tests for numbers less than 10, find the Lowest Common Multiple (LCM) and the Greatest Common Factor (GCF) of whole numbers.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly observation/Remarks
Week 6: 13-17 Oct 2025	**Lesson 1: Introduction on the content of the unit** (1 period)	Discuss the unit's objectives and relevance.	Prime factorization, rules of divisibility tests for numbers less than 10, the	Group discussion on the importance of the unit.	Pupil's Book, whiteboard	Questioning. Pupils should be able to articulate the main goals of the unit (factorization, LCM, GCF) and provide	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 38-39)	

			Lowest Common Multiple (LCM) and the Greatest Common Factor (GCF) of whole numbers.			at least one real-life example where these concepts are useful (e.g., splitting things into equal groups, scheduling repeating events).		
	Lesson 2: Indices, exponent and base (1 period)	Define indices, exponents, and bases.	Indices, exponent, base	Interactive lecture with examples. Pupils will work on the activity 3.1 and 3.2 in groups to explore Indices, exponent and base. They will also work on application activity 3.1 and 3.2 for practice or assessment.	Pupil's Book, visual aids	Short quiz and review of application activities. Pu pils should be able to correctly identify the base and exponent in a given power (e.g., in 5^3, the base is 5 and the	MATHEMA TICS PRIMARY 6 PUPIL'S BOOK (Pages 39-41)	

						exponent is 3) and calculate its value (125) for numbers up to 10.		
	Lesson 3: Multiplying and the law of multiplication of indices (2 periods)	Apply laws of multiplication with indices.	Multiplication law, indices	Problem-solving in pairs through working on the activity 3.3 in groups to explore Multiplying and the law of multiplication of indices. They will also work on application activity 3.3 for practice or assessment.	Pupil's Book, calculators	Graded worksheet on multiplication problems. Pupils should be able to correctly apply the law of multiplication ($a^m \times a^n = a^{m+n}$) to simplify and solve problems involving powers with the same base.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 41-42)	

	Lesson 4: Dividing and the law of division of indices (1 period)	Use the division laws of indices.	Division law, indices	Demonstration of division laws with examples. Pupils will work on the activity 3.4 in groups to explore the law of division of indices. They will also work on application activity 3.4 for practice or assessment.	Pupil's Book, whiteboard	Exit ticket or class quiz. Pupils should be able to correctly apply the law of division ($a^m \div a^n = a^{m-n}$) to simplify expressions and solve problems with high accuracy.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 42-43)	
	Lesson 5: Multiplying and dividing indices (1 period)	Perform operations with indices.	Multiplying, dividing indices	Hands-on activities with group work. Pupils will work on the activity 3.5 in groups to explore Multiplying and dividing indices. They will also work on	Pupil's Book, manipulatives	Peer assessment on exercises. In pairs, pupils will solve problems requiring both multiplication and	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 43)	

				application activity 3.5 for practice or assessment.		division laws, then check each other's work. A successful pupil will correctly simplify expressions using the appropriate law in a mixed set of problems.		
	Lesson 6: Finding unknown and the law of multiplying and dividing indices (1 period)	Find the missing number using the law of multiplying indices.	Unknown, solve, indices	Guided practice with individualized support. Pupils will work on the activity 3.6 & 3.7 in groups to explore finding the missing number using the law of multiplying indices. They	Pupil's Book, worksheets	Marked work on finding unknowns. Pupils should be able to find the value of an unknown exponent in equations like $2^{?} = 16$ by applying	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 44)	

				will also work on application activity 3.6 & 3.7 for practice or assessment.		their knowledge of indices and the laws of exponents (?=4).		
Week 7: 20-24 Oct 2025	**Lesson 7: Finding the lowest common multiple (LCM) of numbers** (1 period)	Identify LCM of given numbers.	LCM, multiples	Pupils will work on the activity 3.8 in groups to explore the lowest common multiple (LCM) of numbers. They will also work on application activity 3.8 for practice or assessment.	Pupil's Book, charts	Marked classwork on finding LCM. Pupils should be able to find the LCM of two or three numbers less than 50 using either the listing method or prime factorization method with accuracy.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 44-46)	
	Lesson 8: Solving problems	Apply LCM in	Problem-solving, LCM	Pupils will work on the activity 3.9 in pairs to	Pupil's Book,	Group presentations on problem	MATHEMATICS PRIMARY 6	

	involving LCM (2 periods)	real-life problems.		explore word problems involving LCM of numbers. They will also work on application activity 3.9 for practice or assessment.	problem sets	solutions**.** Pu pils should be able to deconstruct a word problem (e.g., involving events repeating at different intervals), identify that finding the LCM is the required strategy, solve it correctly, and explain their reasoning to the class.	PUPIL'S BOOK (Pages 46-47)	
	Lesson 9: Factors of a whole	Identify factors of whole numbers.	Factors, whole numbers	Pupils will work on the activity 3.10 in pairs to identify the	Pupil's Book, factor trees	Worksheet on identifying factors. Pupil	MATHEMA TICS PRIMARY 6 PUPIL'S	

	number (1 period)			factors of numbers. They will also work on application activity 3.10 for practice or assessment.		s should be able to list all factors of a given number (up to 100) and distinguish between prime and composite factors.	BOOK (Page 47)	
	Lesson 10: Finding the greatest common factor (GCF) of numbers (1 period)	Calculate GCF of given numbers.	GCF, common factors	Demonstration using examples and then pupils work on the activity 3.10 in pairs to explore calculating the GCF of given numbers. They will also work on application activity 3.10 for practice or assessment.	Pupil's Book, visuals	Assessment via class exercises**.** Pu pils should be able to find the GCF of two numbers less than 100 using the listing method or prime factorization method correctly.	MATHEMA TICS PRIMARY 6 PUPIL'S BOOK (Pages 47-48)	

	Lesson 11: Solving problems involving GCF (1 period)	Apply GCF in problem-solving.	Problem-solving, GCF	Engage in real-life problem scenarios to enable pupils work on the activity 3.11 in pairs to apply GCF in problem-solving. They will also work on application activity 3.11 for practice or assessment.	Pupil's Book, case studies	Class discussions on solutions. Pupils should be able to interpret a word problem (e.g., about dividing items into equal piles with nothing left over), determine that finding the GCF is the solution, and apply it to find the answer.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 48-49)	
	Lesson 12: Finding the unknown number	Solve for unknowns using LCM and GCF.	Unknown numbers, LCM, GCF	Pupils will work on the activity 3.12 in pairs to explore word problems	Pupil's Book, worksheets	Assessment through marked problem sets. Pupils	MATHEMATICS PRIMARY 6 PUPIL'S	

	using LCM and GCF (1 period)			involving finding the unknown number using LCM and GCF. They will also work on application activity 3.12 for practice or assessment.		should be able to solve simple problems where either the LCM or GCF is given, and they must work backwards to find one missing original number.	BOOK (Pages 49-50)	
	Lesson 13: Remedial activities (1 period)	Reinforce concepts learned in the unit.	Review, concepts, reinforcement	Review games and recap activities.	Pupil's Book, review materials	**Assessments through targeted games (e.g., GCF/LCM bingo).** The teacher will identify and note pupils who still struggle with core	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

						concepts to provide differentiated support. Pupils should be able to correct errors with guidance.		
	Lesson 14: End unit assessment (1 period)	Assess overall understanding of the unit.	Assessment, understanding	Pupils will work on the activity 3.13 end of unit assessment individually to test their progress.	Pupil's Book, assessment sheets	**Formal summative test evaluation.** The test will comprehensively assess all unit competences. Pupils should demonstrate mastery of prime factorization, divisibility, LCM, and GCF.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 51)	

Unit title 4: Operations on fractions **Number of periods: (16 periods)**

Key unit competence: Pupils will be able to apply fractions in daily life situations and solve related problems.

Dates/ Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 8: 27-31 Oct 2025	Lesson 1: Introduction on the content of the unit (1 period)	Discuss objectives and relevance of the content of unit: fractions.	Fraction, multiplication, division	Class discussion on the importance of fractions.	Pupil's Book, whiteboard	Assessment through questioning. Pupils should be able to discuss the unit's goals and provide at least two real-life examples where multiplying or dividing fractions is necessary (e.g., sharing, measuring materials).	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 52)	
	Lesson 2: Multiplying a whole number by a fraction (1 period)	Understand how to multiply a whole number by a fraction.	Whole number, fraction, multiplication	Pupils will work on the activity 4.1 in pairs to explore multiplication of a whole number by a fraction.	Pupil's Book, visual aids	Short quiz and review of application activity. Pupils should be able to correctly calculate the product of a whole number and a fraction	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

				They will also work on application activity 4.1 for practice or assessment.		(e.g., 3 × ¼ = ¾) and represent the operation visually with a diagram.	(Pages 53-54)	
	Lesson 3: Multiplying a fraction by a whole number (2 periods)	Apply multiplication of fractions with whole numbers.	Fraction, whole number, multiplication	Pupils will work on the activity 4.2 in pairs to explore multiplication of a fraction by a whole number. They will also work on application activity 4.2 for practice or assessment.	Pupil's Book, manipulatives	Graded worksheet on multiplying fractions. Pupils should be able to multiply a fraction by a whole number, simplifying the answer to its lowest terms (e.g., ⅖ × 10 = 4) with at least 80% accuracy.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 54)	
	Lesson 4: Multiplying a fraction by a fraction (1 period)	Multiply fractions effectively.	Fraction, multiplication	Pupils will work on the activity 4.3 in pairs to explore multiplication of a fraction by a fraction. They	Pupil's Book, visuals	Group assessment and marked activity. Pupils should be able to multiply two fractions together (e.g., ½ × ¾ = ⅜) and explain the rule:	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

				will also work on application activity 4.3 for practice or assessment.		"multiply numerators and multiply denominators."	(Pages 54-55)	
	Lesson 5: Finding reciprocals (1 period)	Understand and find the reciprocal of a fraction.	Reciproca l, inverse, fraction	Pupils will work on the activity 4.4 in pairs to explore reciprocals of fractions. They will also work on application activity 4.4 for practice or assessment.	Pupil's Book, visual aids	Quiz on identifying reciprocals. Pupils should be able to correctly state the reciprocal of any given fraction, whole number, or mixed number (e.g., reciprocal of ⅖ is 5/2, reciprocal of 4 is ¼).	MATHEM ATICS PRIMARY 6 PUPIL'S BOOK (Pages 55-56)	
	Lesson 6: Dividing a whole number by a fraction (2 periods)	Divide whole numbers by fractions.	Division, whole number, fraction	Pupils will work on the activity 4.5 in pairs to explore the division of a whole number by a fraction. They will also work on application activity 4.5 for	Pupil's Book, number lines	Marked classwork on division problems. Pupils should be able to solve division problems by applying the rule "multiply by the reciprocal" (e.g., 4 ÷ ½ = 4 × 2/1 = 8) and explain why this operation makes sense.	MATHEM ATICS PRIMARY 6 PUPIL'S BOOK (Pages 56-57)	

				practice or assessment.				
	Lesson 7: Remedial activities (1 period)	Reinforce concepts learned throughout the unit.	Review, reinforcement	Review games and activities to reinforce learning.	Pupil's Book, review materials	Assessment through targeted games (e.g., fraction bingo). The teacher will identify pupils struggling with core concepts like finding reciprocals or the division rule and provide immediate, differentiated support.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
Week 9: 3-7 Nov 2025	Lesson 8: Dividing a fraction by a whole number (1 period)	Understand how to divide a fraction by a whole number.	Division, fraction, whole number	Pupils will work on the activity 4.6 in pairs to explore division of a fraction by a whole number. They will also work on application activity 4.6 for practice or assessment.	Pupil's Book, visuals	Class activity and exit ticket. Pupils should be able to divide a fraction by a whole number (e.g., ½ ÷ 3 = ½ × ⅓ = 1/6) and articulate the rule that dividing is the same as multiplying by the reciprocal of the divisor.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 57-58)	

	Lesson 9: Dividing a fraction by a fraction (2 periods)	Apply division of fractions effectively.	Fraction, division	Hands-on activities to divide fractions. Pupils will work on the activity 4.7 in pairs to explore division of a fraction by a fraction. They will also work on application activity 4.7 for practice or assessment.	Pupil's Book, manipulatives	Graded quiz on dividing fractions. Pupils should be able to divide two fractions accurately (e.g., ¾ ÷ ½ = ¾ × 2/1 = 6/4 = 1½) and simplify the resulting quotient to its simplest form.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 58)	
	Lesson 10: Multiplying and dividing fractions (2 periods)	Utilize both operations with fractions to solve problems.	Multiplication, division, fractions	Pupils will work on the activity 4.8 in pairs to explore multiplication and division of fractions. They will also work on application activity 4.8 for practice or assessment.	Pupil's Book, problem sets	Group assessment on mixed operations. Pupils should be able to correctly solve a series of mixed problems, demonstrating they can choose and apply the correct operation (multiplication or division) and the	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 59-60)	

						appropriate procedure for each.		
	Lesson 11: Solve problems involving multiplication and division of fractions (2 periods)	Apply knowledge to solve real-world problems.	Problem-solving, fractions	Pupils will work on the activity 4.9 in pairs to explore word problems involving multiplication and division of fractions. They will also work on application activity 4.9 for practice or assessment.	Pupil's Book, visuals	Peer assessment on problem-solving. Pupils will swap solutions to word problems and evaluate each other's work. A successful pupil will correctly interpret the problem, write the correct number sentence, perform the calculation, and state a logical answer with units.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 60-61)	
	Lesson 12: Remedial activities (1 period)	Reinforce concepts learned throughout the unit.	Review, reinforcement	Review games and recap activities.	Pupil's Book, review materials	Self-assessment checklist. Pupils will complete a checklist of "I can" statements (e.g., "I can find a reciprocal," "I can solve a word problem by dividing fractions") to gauge their	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

						own readiness for the final assessment.		
	Lesson 13: End unit assessment (1 period)	Assess overall understanding of fractions.	Assessment, understanding	Pupils will work on 4.10 end of unit assessment individually to test their progress.	Pupil's Book, assessment sheets	Formal summative test evaluation. The test will evaluate pupils' comprehensive ability to multiply and divide fractions and apply these operations to solve real-world problems. Pupils should demonstrate mastery.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 62-63)	

Unit 5: Rounding and conversion of decimal numbers Number of periods: 16 periods

Key unit competence: Pupils will be able to round off decimals, convert fractions to decimals and vice versa.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 10: 10-14 Nov 2025	**Lesson 1:** Introduction on the content of unit 5 **(1 period)**	Introduce the objectives and content of Unit 5 on decimals.	Decimals, rounding, place value	Class discussion on the importance of decimals.	Pupil's Book, whiteboard	Class participation and feedback	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 64)	
	Lesson 2: Rounding off decimal numbers to the nearest tenths **(1 period)**	Understand rounding to the nearest tenths.	Tenths, rounding	Pupils will work on the activity 5.2 in pairs to explore multiplication and division of fractions Rounding off decimal numbers to the nearest tenths They will also work on application n activity 5.1 for practice or assessment	Pupil's Book, number line	Quiz on rounding to tenths	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 65-66)	

	Lesson 3: Rounding off decimal numbers to the nearest hundredths **(1 period)**	Understand rounding to the nearest hundredths.	Hundredths, rounding	Pupils will work on the activity 5.2 in pairs to explore rounding off decimals to the nearest hundredths They will also work on application n activity 5.2 for practice or assessment	Pupil's Book, visual aids	Classwork on rounding to hundredth	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 66-67)	
	Lesson 4: Rounding off decimal numbers to the nearest thousandth **(2 periods)**	Understand rounding to the nearest thousandths.	Thousandths, rounding	Pupils will work on the activity 5.3 in pairs to explore Rounding off decimal numbers to the nearest thousandths They will also work on application n activity 5.3 for practice or assessment.	Pupil's Book, manipulatives	Group assessment on rounding to thousandths	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 67-68)	
	Lesson 5: Rounding off decimal	Round decimals to the nearest	Ten thousandths, rounding	Demonstration and practice rounding to ten thousandths	Pupil's Book, worksheets	Classwork on rounding to	MATHEMATICS PRIMARY 6	

	numbers to the nearest ten thousandth **(1 period)**	ten thousandths.		Pupils will work on the activity 5.4 in pairs to explore Rounding off decimal numbers to the nearest ten thousandths They will also work on application n activity 5.4 for practice or assessment.		ten thousandth	PUPIL'S BOOK (Pages 68-69)	
	Lesson 6: Rounding off decimal numbers to the nearest hundred thousandth **(1 period)**	Round decimals to the nearest hundred thousandths.	Hundred thousandths, rounding	Guided practice rounding to hundred thousandth. Pupils will work on the activity 5.5 in pairs to explore Rounding off decimal numbers to the nearest hundred thousandths They will also work on application n activity 5.5 for	Pupil's Book, examples	Quiz on rounding to hundred thousandths	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 69-70)	

				practice or assessment.				
	Lesson 7: Rounding off decimal numbers to the nearest millionths **(1 period)**	Round decimals to the nearest millionths.	Millionths, rounding	Hands-on activities rounding decimals to millionths. Pupils will work on the activity 5.6in pairs to explore Rounding off decimal numbers to the nearest millionths They will also work on application n activity 5.6 for practice or assessment.	Pupil's Book, manipulatives	Classwork on rounding to millionths	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 70)	
Week 11: 17-21 Nov 2025	**Lesson 8:** Solving problems involving rounding off decimal numbers **(1 period)**	Apply rounding skills to solve problems.	Problem-solving, rounding	Pupils will work on the activity 5.7 in pairs to explore problems involving rounding off decimal numbers They will also work on application n activity 5.7 for	Pupil's Book, problem sets	Peer assessment on problem-solving	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 71-72)	

				practice or assessment.				
	Lesson 9: Converting fractions into decimals **(2 periods)**	Convert fractions to decimal form.	Conversion, fractions, decimals	Pupils will work on the activity 5.8 in pairs to explore converting fractions into decimals They will also work on application n activity 5.8 for practice or assessment.	Pupil's Book, visuals	Quiz on converting fractions to decimals	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 72-73)	
	Lesson 10: Converting decimals into fractions **(2 periods)**	Convert decimals to fraction form.	Conversion, decimals, fractions	Hands-on activities converting decimals to fractions. Pupils will work on the activity 5.9 in pairs to explore converting decimals into fractions They will also work on application n activity 5.9 for practice or assessment.	Pupil's Book, manipulatives	Classwork on converting decimals to fractions	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 73-74)	

	Lesson 11: Solving problems involving converting decimals into fractions and fractions into decimals **(1 period)**	Apply conversion skills to solve problems.	Problem-solving, conversion	Work on real-life scenarios involving conversions Pupils will work on the activity 5.10 in pairs to explore application of conversion skills to solve problems They will also work on application n activity 5.10 for practice or assessment.	Pupil's Book, problem sets	Group assessment on conversions	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 74-75)	
	Lesson 12: Remedial activities **(1 period)**	Reinforce concepts learned throughout the unit.	Review, reinforcement	Review games and recap activities.	Pupil's Book, review materials	Informal assessments	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
	Lesson 13: End unit assessment and remediation **(1 period)**	Assess overall understanding of decimals and conversions.	Assessment, understanding	Administer 5.11end-of-unit test and review results.	Pupil's Book, assessment sheets	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 75)	

UNIT 6: Percentages and ratios Number of periods: 16/32 periods
Key unit competence: Pupils will be able to able to work out percentages, ratios and apply this knowledge to solve real life mathematical problems.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment S	References	Weekly Observations/Remarks
Week 12: 1-5 Nov 2025	**Lesson 1:** Introduction on the content of the unit **(1 period)**	Introduce the unit's objectives related to percentages and decimals.	Percentages, decimals, fractions	Class discussion on the importance of percentages in everyday life.	Pupil's Book, whiteboard	Class discussion and feedback	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 76)	
	Lesson 2: Converting percentages into decimals **(1 period)**	Learn to convert percentages into decimal form.	Conversion, percentage, decimal	Pupils will work on the activity 6.1 in pairs to explore converting percentages into decimals They will also work on application n activity 6.1 for practice or assessment	Pupil's Book, conversion charts	Classwork on conversion exercises	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 77-78)	

	Lesson 3: Converting decimals into percentages **(1 period)**	Learn to convert decimals into percentage form.	Decimal, percentage, conversion	Hands-on practice converting decimals to percentages with real-life examples. Pupils will work on the activity 6.2 in pairs to explore Converting decimals into percentages They will also work on application n activity 6.2 for practice or assessment.	Pupil's Book, calculators	Assessment on conversion accuracy	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 78)	
	Lesson 4: Converting percentages into fractions **(1 period)**	Understand how to convert percentages into fractions.	Fraction, percentage, conversion	Pupils will work on the activity 6.3 in pairs to explore Converting percentages into fractions They will also work on application n activity 6.3 for practice or assessment using visual aids.	Pupil's Book, fraction charts	Classwork on conversion exercises	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 79)	

	Lesson 5: Converting fractions into percentages **(1 period)**	Learn to convert fractions into percentages.	Fraction, percentage, conversion	Pupils will work on the activity 6.4 in pairs to explore Converting fractions into percentages They will also work on application n activity 6.4 for practice or assessment.	Pupil's Book, fraction examples	Assessment on conversion accuracy	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 79-81)	
	Lesson 6: Comparing quantities as percentages **(1 period)**	Compare different quantities using percentages.	Comparison, percentages, quantities	Pupils will work on the activity 6.5 in pairs to explore comparing quantities as percentages They will also work on application n activity 6.5 for practice or assessment.	Pupil's Book, comparison worksheets	Classwork on comparative analysis	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 82)	
	Lesson 7: Comparing percentages as quantities **(2 periods)**	Analyze and compare percentages as quantities.	Percentages, quantities, analysis	Pupils will work on the activity 6.6 in pairs to explore percentages as quantities	Pupil's Book, example scenarios	Assessment on comparing percentages	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 82-83)	

				They will also work on application n activity 6.6 for practice or assessment.				
Week 13: 8-12 Dec 2025	**Lesson 8:** Increasing a number by a percentage **(2 periods)**	Understand how to increase a number by a given percentage.	Increase, percentage, calculation	Pupils will work on the activity 6.7 in pairs to explore increasing a number by a percentage They will also work on application n activity 6.7 for practice or assessment.	Pupil's Book, calculators	Classwork on percentage increase calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 83-84)	
	Lesson 9: Decreasing a number by a percentage **(2 periods)**	Learn how to decrease a number by a given percentage.	Decrease, percentage, calculation	Pupils will work on the activity 6.8 in pairs to explore Decreasing a number by a percentage They will also work on application n activity 6.8 for practice or assessment.	Pupil's Book, visual aids	Assessment on percentage decrease calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 85-86)	

	Lesson 10: More about increasing and decreasing quantities by percentage **(2 periods)**	Reinforce understanding of increasing and decreasing quantities.	Increase, decrease, quantities	Pupils will work on the activity 6.9 in pairs to explore More about increasing and decreasing quantities by percentage They will also work on application activity 6.9 for practice or assessment.	Pupil's Book, practice problems	Classwork on mixed calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 86-87)	
	Lesson 11: Finding percentage increase and decrease **(2 periods)**	Calculate percentage increases and decreases in various contexts.	Increase, decrease, percentage	Pupils will work on the activity 6.10 in pairs to explore finding percentage increase and decrease They will also work on application n activity 6.10 for practice or assessment.	Pupil's Book, example problems	Assessment on finding percentage changes	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 87-88)	
	Lesson 12: Remedial activities **(2 periods)**	Reinforce understanding of percentages and related calculations.	Review, reinforcement	Review games and exercises focusing on concepts learned in the unit.	Pupil's Book, review materials	Informal assessments through activities	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

Teachers 'Name: ……
School Name: ……
Class: P6
Subject: Mathematics

Academic year: 2025-2026
Term: two
Number of weeks per term:13
Number of periods per week:9

UNIT 6: Percentages and ratios Number of periods: 16/32 periods
Key unit competence: Pupils will be able to able to work out percentages, ratios and apply this knowledge to solve real life mathematical problems.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 1: 5-9 Jan 2025	**Lesson 17:** Finding percentage profit and percentage loss **(2 periods)**	Calculate percentage profit and loss in various contexts.	Percentage, profit, loss	Guided practice on calculating profit and loss percentages. Pupils will work on the activity 6.11 in pairs to explore Finding percentage profit and percentage loss They will also work on application activity 6.11 for	Pupil's Book, calculators, worksheets	Classwork on percentage calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 88-89)	

				practice or assessment.				
	Lesson 18: Solving problems involving percentages **(2 periods)**	Apply percentage skills to solve real-world problems.	Problem-solving, percentages	Guided practice on calculating profit and loss percentages. Pupils will work on the activity 6.11 in pairs to explore Solving problems involving percentages They will also work on application activity 6.11 for practice or assessment.	Pupil's Book, visual aids	Quiz on solving percentage problems	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 89)	
	Lesson 19: Finding ratios **(2 periods)**	Understand and calculate ratios between quantities.	Ratios, comparison	Pupils will work on the activity 6.12 in pairs to explore Finding ratios They will also work on application activity 6.12 for practice or assessment.	Pupil's Book, ratio cards	Classwork on finding ratios	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 90)	

	Lesson 20: Sharing quantities in ratios **(2 periods)**	Share quantities according to given ratios.	Sharing, ratios	Pupils will work on the activity 6.12 in pairs to explore sharing quantities in ratios They will also work on application activity 6.12 for practice or assessment.	Pupil's Book, manipulatives	Group assessment on sharing quantities	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 90-91)	
	Lesson 21: Increasing and decreasing quantities in ratios **(2 periods)**	Apply ratios to increase or decrease quantities.	Increase, decrease, ratios	Pupils will work on the activity 6.13 in pairs to explore increasing and decreasing quantities in ratios They will also work on application activity 6.13 for practice or assessment.	Pupil's Book, worksheets	Classwork on adjustments using ratios	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 91-92)	
	Lesson 22: Finding the ratio of increase and	Calculate the ratio of increases and decreases in quantities.	Ratio of change, increase, decrease	Pupils will work on the activity 6.14 in pairs to explore finding the ratio of increase and decrease	Pupil's Book, visuals	Quiz on calculating ratios of change	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 92)	

	decrease **(2 periods)**			They will also work on application activity 6.14 for practice or assessment.				
	Lesson 23: Remedial activities **(1 period)**	Reinforce concepts learned about percentages and ratios.	Review, reinforcement	Review games and recap activities.	Pupil's Book, review materials	Informal assessments through games	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
Week 2: 12-16 Jan 2025	**Lesson 24:** Solving problems involving ratios **(2 periods)**	Apply ratio skills to solve real-world problems.	Problem-solving, ratios	Pupils will work on the activity 6.15 in pairs to explore solving problems involving ratios They will also work on application activity 6.15 for practice or assessment.	Pupil's Book, problem sets	Group assessment on solving ratio problems	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 93-94)	

	Lesson 25: Remedial activities **(1 period)**	Reinforce understanding of ratios and percentages.	Review, reinforcement	Review games and recap activities.	Pupil's Book, review materials	Informal assessments through activities	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
	Lesson 26: End unit assessment **(2 periods)**	Assess overall understanding of percentages and ratios.	Assessment, understanding	Administer end-of-unit 6 test and review results.	Pupil's Book, assessment sheets	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 94)	

UNIT 7: Relationship between volume, capacity and mass Number of periods: (8 periods)
Key unit competence: Pupils will be able to convert between units of volume, capacity and mass of water and apply this knowledge to solve real life mathematical problems.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 3: 19-23 Jan 2025	**Lesson 1:** Introduction on the content of the unit **(1 period)**	Introduce the objectives and content of the unit on measurement.	Measurement, capacity, volume, mass	Class discussion on the importance of measurement in everyday life.	Pupil's Book, whiteboard	Class participation and feedback	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 95)	

	Lesson 2: Capacity measurements **(1 period)**	Understand different units of capacity and how to measure them.	Capacity, liters, milliliters	Pupils will work on the activity 7.1 in pairs to explore capacity measurements They will also work on application activity 7.1 for practice or assessment.	Pupil's Book, measuring cups, graduated cylinders	Group assessment on capacity measurements	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 96)	
	Lesson 3: Revision on mass measurements **(1 period)**	Review key concepts of mass measurements.	Mass, grams, kilograms	Pupils will work on the activity 7.2 in pairs to explore key concepts of mass measurements They will also work on application activity 7.2 for practice or assessment.	Pupil's Book, scales	Quiz on mass measurements	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 97)	
	Lesson 4: Measurement of volume **(1 period)**	Learn how to measure volume using different units.	Volume, cubic centimeters, liters	Pupils will work on the activity 7.3 in pairs to explore measurements of volume	Pupil's Book, measuring tools	Classwork on measuring volume	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 98-99)	

				They will also work on application activity 7.3 for practice or assessment.				
	Lesson 5: Relationship between units of volume, capacity, and mass **(2 periods)**	Explore how volume, capacity, and mass are interrelated.	Relationships, conversions	Pupils will work on the activity 7.4 in pairs to explore the relationship between units of volume, capacity, and mass They will also work on application activity 7.4 for practice or assessment.	Pupil's Book, conversion charts	Classwork on conversions between units	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 99-100)	
	Lesson 6: Real-life problems involving the conversion between units of volume, capacity, and mass **(1 period)**	Apply conversions to solve real-life problems.	Problem-solving, conversions	Pupils will work on the activity 7.5 in pairs to explore the real-life problems involving the conversion between units of volume, capacity, and mass They will also work on application activity 7.5 for	Pupil's Book, problem sets	Assessment on solving real-life conversion problems	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 101)	

				practice or assessment conversions.				
	Lesson 7: Remedial activities **(1 period)**	Reinforce understanding of measurement concepts.	Review, reinforcement	Review games and recap activities focusing on key concepts.	Pupil's Book, review materials	Informal assessments through games	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
	Lesson 8: End of unit assessment **(1 period)**	Evaluate understanding of measurement concepts covered in the unit.	Assessment, understanding	Administer end-of-unit 7 test and review results.	Pupil's Book, assessment sheets	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 102)	

UNIT 8: Speed, distance and time **Number of periods: 16 periods**

Key unit competence: Pupils will be able to calculate speed, distance and time, solve problems that relate to different time zones and convert speed from km/h to m/sec and vice versa.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/Approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 4: 26-30 Jan 2025	**Lesson 1:** Introduction on the content of the unit **(1 period)**	Introduce the objectives and content of the unit on time.	Time, measurement, units	Class discussion on the importance of time in daily life.	Pupil's Book, whiteboard	Class participation and feedback	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 103-104)	
	Lesson 2: Comparing the 12-hour format to the 24-hour format **(1 period)**	Understand the differences between the 12-hour and 24-hour formats.	12-hour format, 24-hour format, comparison	Pupils will work on the activity 8.1 in pairs to explore Comparing the 12-hour format to the 24-hour format They will also work on application activity 8.1 for practice or assessment	Pupil's Book, clocks	Quiz on recognizing time formats	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 104-105)	

	Lesson 3: Converting 12-h format to 24-h format and vice versa **(1 period)**	Accurately convert between 12-hour and 24-hour formats.	Conversion, time formats	Pupils will work on the activity 8.1 in pairs to explore Converting 12-h format to 24-h format and vice versa They will also work on application activity 8.1 for practice or assessment	Pupil's Book, conversion charts	Classwork on time conversion	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 106-107)	
	Lesson 4: The Concept of time zones **(1 period)**	Understand what time zones are and their significance.	Time zones, UTC, geography	Pupils will work on the activity 8.3 in pairs to explore the Concept of time zones They will also work on application activity 8.3 for practice or assessment	Pupil's Book, maps	Assessment on understanding time zones	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 107-109)	
	Lesson 5: Solving mathematical problems relating to time zones **(2 periods)**	Solve problems involving time zones and conversions.	Time calculations, problem-solving	Pupils will work on the activity 8.4 in pairs to explore solving mathematical problems relating to time zones They will also work on application	Pupil's Book, problem sets	Classwork on time zone problems	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 109-110)	

				activity 8.4 for practice or assessment				
	Lesson 6: Speed of a moving body **(2 periods)**	Understand the concept of speed and how to calculate it.	Speed, distance, time	Pupils will work on the activity 8.5 in pairs to explore Speed of a moving body They will also work on application activity 8.5 for practice or assessment	Pupil's Book, measuring tools	Assessment on calculating speed	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 110-111)	
	Lesson 7: Remedial activities **(1 period)**	Reinforce understanding of time and speed concepts.	Review, reinforcement	Review games focusing on time and speed concepts.	Pupil's Book, review materials	Informal assessments through games	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
Week 5: 2-6 Feb 2025	**Lesson 8:** Converting the speed from km/h to m/sec **(1 period)**	Convert speed from kilometers per hour to meters per second.	Conversion, speed	Pupils will work on the activity 8.6 in pairs to explore the Conversion of the speed from km/h to m/sec They will also work on application	Pupil's Book, conversion charts	Classwork on speed conversions	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 112-113)	

				activity 8.6 for practice or assessment				
	Lesson 9: Converting the speed from m/sec to km/h **(2 periods)**	Convert speed from meters per second to kilometers per hour.	Conversion, speed	Pupils will work on the activity 8.7 in pairs to explore the Conversion of the speed from km/h to m/sec They will also work on application activity 8.7 for practice or assessment	Pupil's Book, calculators	Assessment on speed conversions	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 113-114)	
	Lesson 10: Distance covered by one moving body **(2 periods)**	Calculate the distance traveled by a moving body.	Distance, speed, time	Pupils will work on the activity 8.8 in pairs to explore Distance covered by one moving body They will also work on application activity 8.8 for practice or assessment	Pupil's Book, measuring tools	Classwork on calculating distance	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 115)	
	Lesson 11: Distance and the time	Understand the relationship	Distance, time, speed	Pupils will work on the activity 8.9 in pairs to explore	Pupil's Book,	Quiz on distance and	MATHEMATICS PRIMARY 6	

	taken by one moving body to cover a certain distance **(1 period)**	between distance, speed, and time.		distance and the time taken by one moving body to cover a certain distance They will also work on application activity 8.9 for practice or assessment	manipulatives	time calculations	PUPIL'S BOOK (Pages 115-116)	
	Lesson 12: Calculating average speed of one moving body **(1 period)**	Calculate average speed based on distance and time.	Average speed, calculation	Pupils will work on the activity 8.10 in pairs to explore calculating average speed of one moving body They will also work on application activity 8.10 for practice or assessment	Pupil's Book, problem sets	Assessment on calculating average speed	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 117-118)	
	Lesson 13: Remedial activities **(1 period)**	Reinforce understanding of speed and distance concepts.	Review, reinforcement	Review games focusing on average speed and distance.	Pupil's Book, review materials	Informal assessments through games	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

	Lesson 15: End unit assessment **(1 period)**	Evaluate understanding of time and speed concepts covered in the unit.	Assessment, understanding	Administer 8.5 end-of-unit test and review results.	Pupil's Book, assessment sheets	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 117-118)	

UNIT 9: Simple interest and problems involving saving Number of periods: (24 periods)
Key unit competence: Pupils will be able to work out simple interest and solve problems involving saving.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/Approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 6: 9-13 Feb 2025	**Lesson 1:** Introduction on the content of the unit **(2 Periods)**	Introduce the objectives and content of the unit on interest.	Interest, principal, rate, time	Class discussion on the importance of understanding interest in finance.	Pupil's Book, whiteboard	Class participation and feedback	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 120)	
	Lesson 2: Calculating simple interest **(2 Periods)**	Calculate simple interest using the formula.	Simple interest, formula, calculation	Pupils will work on the activity 9.1& 9.2 in pairs to explore calculating simple interest They will also work on application activity	Pupil's Book, calculators	Classwork on calculating simple interest	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 121-122)	

				9.2 for practice or assessment				
	Lesson 3: Solving problems involving simple interest **(2 Periods)**	Solve real-world problems using simple interest.	Problem-solving, interest	Pupils will work on the activity 9.3 in pairs to explore solving problems involving simple interest. They will also work on application activity 9.3 for practice or assessment.	Pupil's Book, problem sets	Assessment on problem-solving	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 123)	
	Lesson 4: Calculating interest rate **(2 Periods)**	Calculate the interest rate from given values.	Interest rate, calculation	Pupils will work on the activity 9.4 in pairs to explore Calculating interest rate. They will also work on application activity 9.4 for practice or assessment.	Pupil's Book, manipulatives	Classwork on calculating interest rates	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 124)	
	Lesson 5: Remedial	Reinforce understandin	Review, reinforcement	Review games focusing on interest calculations.	Pupil's Book,	Informal assessments	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

	activities **(1 Perio**d)	g of interest concepts.			review materials	through games		
	Lesson 6: Solving problems involving interest rate **(1 Period)**	Solve problems related to interest rates.	Problem-solving, interest rate	Pupils will work on the activity 9.5 in pairs to explore solving problems involving simple interest. They will also work on application activity 9.5 for practice or assessment	Pupil's Book, problem sets	Classwork on interest rate problems	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 125)	
	Lesson 7: Calculating principal **(2 Periods)**	Calculate the principal amount from given interest and rate.	Principal, calculation	Pupils will work on the activity 9.6 in pairs to explore calculating principal They will also work on application activity 9.6 for practice or assessment	Pupil's Book, manipulatives	Assessment on calculating principal amounts	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 126)	
Week 7:	**Lesson 8:** Solving problems involving	Solve real-world problems related to	Problem-solving, principal	Pupils will work on the activity 9.7 in pairs to explore	Pupil's Book, problem sets	Classwork on principal problems	MATHEMATICS PRIMARY 6	

16-20 Feb 2025	principal **(1 Period)**	principal amounts.		solving problems involving principal They will also work on application activity 9.7 for practice or assessment			PUPIL'S BOOK (Page 127)	
	Lesson 9: Calculating the time **(1 Period)**	Calculate the time based on interest, principal, and rate.	Time, calculation	Pupils will work on the activity 9.8 in pairs to explore Calculating the time They will also work on application activity 9.8 for practice or assessment.	Pupil's Book, manipulatives	Assessment on calculating time	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 128)	
	Lesson 10: Solving problems involving time **(1 Period)**	Solve problems related to time in interest calculations.	Problem-solving, time	Pupils will work on the activity 9.9 in pairs to explore solving problems involving time. They will also work on application activity 9.9 for practice or assessment	Pupil's Book, problem sets	Classwork on time-related problems	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 129)	

				involving time calculations.				
	Lesson 11: Calculating the amount of money **(1 Period)**	Calculate the total amount of money after interest is applied.	Amount, calculation	Pupils will work on the activity 9.10 in pairs to explore Calculating the amount of money. They will also work on application activity 9.10 for practice or assessment	Pupil's Book, manipulatives	Assessment on calculating total amounts	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 130)	
	Lesson 12: Remedial activities **(1 Period)**	Reinforce understanding of money and interest concepts.	Review, reinforcement	Review games focusing on money calculations and interest.	Pupil's Book, review materials	Informal assessments through games	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
Week 8: 23-27 Feb 2025	**Lesson 13:** Solving problems involving amount of money **(2 Periods)**	Solve problems related to total amounts in financial scenarios.	Problem-solving, amounts	Pupils will work on the activity 9.11 in pairs to explore Solving problems involving amount of money They will also work on application activity 9.11 for	Pupil's Book, problem sets	Classwork on amount-related problems	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 131)	

				practice or assessment.				
	Lesson 14: Different ways of saving and how saving can be done **(2 Periods)**	Understand various methods of saving money.	Saving, methods, importance	Pupils will work on the activity 9.12 in pairs to explore different ways of saving and how saving can be done They will also work on application activity 9.12 for practice or assessment.	Pupil's Book, visual aids	Assessment on understanding saving methods	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 132)	
	Lesson 15: Saving money in the bank or putting it in investments **(1 Period)**	Learn the benefits of saving in banks or investing.	Banking, investments, benefits	Pupils will work on the activity 9.13 in pairs to explore Saving money in the bank or putting it in investments They will also work on application activity 9.13 for practice or assessment	Pupil's Book, brochures	Classwork on discussing saving vs. investing	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 132)	

	Lesson 16: Solving problems involving savings **(2 Periods)**	Solve real-world problems related to savings.	Problem-solving, savings	Pupils will work on the activity 9.14 in pairs to explore solving problems involving savings They will also work on application activity 9.14 for practice or assessment.	Pupil's Book, problem sets	Classwork on savings-related problems	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 133-134)	
	Lesson 17: Remedial activities **(1 Period)**	Reinforce understanding of saving concepts.	Review, reinforcement	Review games focusing on savings and interest concepts.	Pupil's Book, review materials	Informal assessments through games	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
	Lesson 18: End unit assessment **(1 Period)**	Evaluate understanding of the unit's content.	Assessment, understanding	Administer end-of-unit 9.14 test and review results.	Pupil's Book, assessment sheets	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 134)	

UNIT 10: Equivalent expressions and number sequences Number of periods: (16 Periods)

Key unit competence: Pupils will be able to write sequences of whole numbers, fractions and decimals.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 9: 2-6 March 2025	**Lesson 1:** Introduction on the content of the unit **(1 period)**	Introduce the unit's objectives and content about algebra.	Algebra, expressions, sequences	Class discussion on the importance of algebra in mathematics.	Pupil's Book, whiteboard	Class participation and feedback	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 135-136)	
	Lesson 2: Algebraic expressions **(1 period)**	Understand the concept of algebraic expressions.	Algebraic expressions, variables	Pupils will work on the activity 10.1 in pairs to explore Algebraic expressions They will also work on application activity 10.1 for practice or assessment .	Pupil's Book, manipulatives	Classwork on algebraic expressions	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 136-137)	

	Lesson 3: Equivalent expressions (1 period)	Identify and create equivalent expressions.	Equivalent expressions, simplification	Pupils will work on the activity 10.2 in pairs to explore Equivalent expressions They will also work on application activity 10.2 for practice or assessment	Pupil's Book, examples	Assessment on identifying equivalent expressions	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 137-139)	
	Lesson 4: Finding the missing consecutive numbers **(2 periods)**	Solve problems to find missing consecutive numbers.	Consecutive numbers, problem-solving	Pupils will work on the activity 10.3 in pairs to explore Finding the missing consecutive numbers of a sequence They will also work on application activity 10.3 for practice or assessment.	Pupil's Book, problem sets	Classwork on finding missing numbers	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 139-140)	
	Lesson 5: Finding the missing consecutive fractions and	Solve problems with missing fractions and decimals.	Fractions, decimals, consecutive	Pupils will work on the activity 10.4 in pairs to explore Finding the missing consecutive	Pupil's Book, number lines	Assessment on finding missing fractions/decimals	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 140-141)	

	decimals **(1 period)**			fractions and decimals They will also work on application activity 10.4 for practice or assessment				
	Lesson 6: Finding the general term/rule of a linear sequence **(2 periods)**	Understand how to derive the general term of a linear sequence.	Linear sequence, general term	Pupils will work on the activity 10.5 in pairs to explore finding the general term/rule of a linear sequence They will also work on application activity 10.5 for practice or assessment	Pupil's Book, sequence charts	Classwork on finding general terms	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 141-142)	
	Lesson 7: Remedial activities **(1 period)**	Reinforce understanding of algebraic expressions and sequences.	Review, reinforcement	Review games focusing on key concepts from the unit.	Pupil's Book, review materials	Informal assessments through games	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

Week 10: 9-13 March 2025	**Lesson 8:** Finding the general term/rule of linear sequence for fractions and decimals **(2 periods)**	Understand how to derive general terms for fractions and decimals.	Linear sequence, fractions, decimals	Pupils will work on the activity 10.6 in pairs to explore finding the general term/rule of linear sequence for fractions and decimals They will also work on application activity 10.6 for practice or assessment.	Pupil's Book, sequence charts	Classwork on finding general terms for fractions/decimals	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 142-143)	
	Lesson 9: Finding the missing number or nth term in a linear sequence **(2 periods)**	Solve problems involving missing numbers in linear sequences.	Missing number, nth term	Pupils will work on the activity 10.7 in pairs to explore finding the missing number or nth term in a linear sequence They will also work on application activity 10.7 for practice or assessment.	Pupil's Book, problem sets	Assessment on finding missing numbers/nth terms	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 144)	
	Lesson 10: Finding the missing fraction or nth term in	Solve problems involving missing fractions in	Missing fraction, nth term	Pupils will work on the activity 10.8 in pairs to explore Finding the missing	Pupil's Book, number line	Classwork on finding missing fractions	MATHEMATICS PRIMARY 6 PUPIL'S	

	a linear sequence **(1 period)**	linear sequences.		fraction or nth term in a linear sequence They will also work on application activity 10.8 for practice or assessment.			BOOK (Pages 145-146)	
	Lesson 11: Finding the number sequence using the general term/rule **(2 periods)**	Apply general terms to find specific terms in sequences.	General term, sequence, application	Pupils will work on the activity 10.9 in pairs to explore Finding the number sequence using the general term/rule They will also work on application activity 10.9 for practice or assessment.	Pupil's Book, sequence charts	Assessment on applying general terms	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 146-147)	
	Lesson 12: Remedial activities **(1 period)**	Reinforce understanding of linear sequences and general terms.	Review, reinforcement	Review games focusing on linear sequences.	Pupil's Book, review materials	Informal assessments through games	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

	End of unit assessment **(1 period)**	Evaluate understanding of algebra and sequences covered in the unit.	Assessment, understanding	Administer end-of-unit 10.10 test and review results.	Pupil's Book, assessment sheets	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 147-148)	

UNIT 11: Regular polygons and bearings Number of units: **(8/16 Periods)**

Key Unit Competence: Pupils will be able to use triangle, angle properties and compass directions to solve real-world problems involving regular polygons and bearings.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 11: 16-20 March 2025	**Lesson 1:** Introduction on the content of the unit **(1 period)**	Introduce the unit's objectives and content about polygons.	Polygon, sides, angles	Class discussion on the importance and types of polygons.	Pupil's Book, whiteboard	Class participation and feedback	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 149-150)	
	Lesson 2: Definition of Polygon and their	Define polygons and identify examples of	Polygon, examples, shapes	Pupils will work on the activity 11.1 in pairs to explore definition of Polygon and their Examples	Pupil's Book, drawing materials	Classwork on identifying and	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 150-151)	

	Examples **(1 period)**	different types.		They will also work on application activity 11.1 for practice or assessment		drawing polygons		
	Lesson 3: Investigating the central angle, interior and exterior angles of a polygon **(1 period)**	Understand central, interior, and exterior angles in polygons.	Central angle, interior angle, exterior angle	Pupils will work on the activity 11.2 in pairs to explore Investigating the central angle, interior and exterior angles of a polygon They will also work on application activity 11.2 for practice or assessment	Pupil's Book, protractors, angle charts	Assessment on identifying and measuring angles	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 152-154)	
	Lesson 4: Investigating the sum of interior and exterior angles of a regular polygon **(1 period)**	Learn to calculate the sum of angles in regular polygons.	Sum of angles, regular polygon	Pupils will work on the activity 11.3 in pairs to explore Investigating the sum of interior and exterior angles of a regular polygon They will also work on application activity 11.3 for	Pupil's Book, worksheets	Classwork on calculating angle sums	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 154-155)	

				practice or assessment.				
	Lesson 5: Finding the interior and exterior angles of a regular polygon **(1 period)**	Calculate the interior and exterior angles of regular polygons.	Interior angle, exterior angle	Pupils will work on the activity 11.4 in pairs to explore Finding the interior and exterior angles of a regular polygon They will also work on application activity 11.4 for practice or assessment.	Pupil's Book, calculators	Assessment on calculating angles	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 156)	
	Lesson 6: Finding the sum of interior angles of a regular polygon **(1 period)**	Apply knowledge to find the sum of interior angles in polygons.	Sum of interior angles	Pupils will work on the activity 11.5 in pairs to explore finding the sum of interior angles of a regular polygon. They will also work on application activity 11.5 for practice or assessment.	Pupil's Book, problem sets	Classwork on finding interior angle sums	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 156-159)	

	Lesson 7: Exterior angles of regular polygons and their sum **(1 period)**	Investigate exterior angles and their properties in polygons.	Exterior angles, properties	Pupils will work on the activity 11.6 in pairs to explore Exterior angles of regular polygons and their sum They will also work on application activity 11.6 for practice or assessment.	Pupil's Book, visual aids	Assessment on exterior angles	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 160-161)	
	Lesson 8: Finding sides and apothem **(1 period)**	Learn to find the number of sides and apothem of regular polygons.	Sides, apothem, regular polygon	Pupils will work on the activity 11.7 in pairs to explore Finding sides and apothem They will also work on application activity 11.7 for practice or assessment.	Pupil's Book, rulers, calculators	Classwork on calculating sides and apothem	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 161-162)	
	Lesson 9: Remedial activities **(1 period)**	Reinforce understanding of polygon concepts.	Review, reinforcement	Review games focusing on polygon properties and calculations.	Pupil's Book, review materials	Informal assessments through games	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

	End of term two exams	Assess overall understanding of the unit's content.	Assessment, understanding	Administer end-of-term exam and review results.	Pupil's Book, exam papers	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	

Teachers 'Name: ……
School Name: ……
Class: P6
Subject: Mathematics

Academic year: 2025-2026
Term: Three
Number of weeks per term:11
Number of periods per week: 9

Unit title: UNIT 11: Regular polygons and bearings (cont.)

Number of periods: 8/16
Key Unit Competence: Pupils will be able to use triangle, angle properties and compass directions to solve real-world problems involving regular polygons and bearings.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 1: 20-24 April 2025	**Lesson 8:** Finding perimeter of regular polygons **(2 periods)**	Calculate the perimeter of various regular polygons.	Perimeter, regular polygons, sides	Pupils will work on the activity 11.7 in pairs to explore finding the perimeter of regular polygons. They will also work on application activity 11.7 for practice or assessment.	Pupil's Book, rulers, polygon template	Classwork on calculating perimeter	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 160-161)	

	Lesson 9: Finding area of regular polygons **(1 period)**	Calculate the area of different regular polygons.	Area, regular polygons, formula	Pupils will work on the activity 11.8 & 11.9 in pairs to explore Finding area of regular polygons They will also work on application activity 11.8& 11.9 for practice or assessment.	Pupil's Book, graph paper	Assessment on calculating area	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 161-162)	
	Lesson 10: Finding bearings and compass points **(2 periods)**	Understand bearings and compass points for navigation.	Bearings, compass points, direction	Pupils will work on the activity 11.10 in pairs to explore Finding bearings and compass points They will also work on application activity 11.10 for practice or assessment	Pupil's Book, compasses	Classwork on identifying and using bearings	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 167-168)	
	Lesson 11: Finding the bearing **(1 period)**	Calculate bearings based on given points.	Bearing, calculation, angles	Pupils will work on the activity 11.11 in pairs to explore Finding the bearing They will also work on application activity 11.11 for	Pupil's Book, protractors	Assessment on calculating bearings	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 167-168)	

				practice or assessment.				
	Lesson 12: Exploring the concept of tiling/construction **(1 period)**	Understand tiling patterns and their applications in construction.	Tiling, patterns, construction	Pupils will work on the activity 11.12 in pairs to explore the concept of tiling/construction They will also work on application activity 11.12 for practice or assessment	Pupil's Book, tiles, paper shapes	Classwork on creating and discussing tiling	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 169-171)	
	Remedial activities **(1 period)**	Reinforce understanding of perimeter, area, bearings, and tiling concepts.	Review, reinforcement	Review games and exercises focused on the week's topics.	Pupil's Book, review materials	Informal assessments through games	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
	End unit assessment **(1 period)**	Evaluate overall understanding of the unit's content.	Assessment, understanding	Administer end-of-unit 11 test and review results.	Pupil's Book, assessment sheets	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 171-172)	

Unit title: UNIT 12: Construction of polygons and nets for cuboids and prisms (24 periods

Number of periods: 24

Key Unit Competence: Pupils will be able to construct polygons and design nets to make cuboids and prisms.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/Approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 2: 27 Apr - 1 May 2025	**Lesson 1:** Introduction on the content of the unit (1 period)	Introduce the unit's objectives and content about geometric constructions.	Geometry, constructions, tools	Class discussion on types of geometric shapes and their relevance.	Pupil's Book, whiteboard	Class participation and feedback	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 173)	
	Lesson 2: Drawing triangles using a protractor and ruler **(1 period)**	Learn to accurately draw triangles using a protractor and ruler.	Triangle, angles, sides	Pupils will work on the activity 12.1 in pairs to explore drawing triangles using a protractor and ruler They will also work on application activity 12.1 for practice or assessment.	Pupil's Book, protractors, rulers	Assessment on accuracy of drawn triangles	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 174-175)	

	Lesson 3: Drawing a square using a protractor and ruler **(2 periods)**	Accurately draw squares using a protractor and ruler.	Square, right angles, equal sides	Pupils will work on the activity 12.2 in pairs to explore Drawing a square using a protractor and ruler They will also work on application activity 12.2 for practice or assessment	Pupil's Book, graph paper	Classwork on drawing squares	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 176-177)	
	Lesson 4: Drawing a rectangle using a protractor and ruler **(2 periods)**	Learn to draw rectangles using a protractor and ruler.	Rectangle, length, width, right angles	Pupils will work on the activity 12.3 in pairs to explore drawing a rectangle using a protractor and ruler They will also work on application activity 12.3 for practice or assessment	Pupil's Book, rulers, graph paper	Assessment on accuracy of drawn rectangles	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 177-178)	
	Lesson 5: Drawing a regular pentagon using a protractor and ruler	Draw regular pentagons accurately using a protractor and ruler.	Pentagon, sides, angles	Pupils will work on the activity 12.4 in pairs to explore drawing a regular pentagon using a protractor and ruler They will also work on application	Pupil's Book, protractors, rulers	Assessment on accuracy of drawn pentagons	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 179-180)	

	(2 periods)			activity 12.4 for practice or assessment				
	Remedial activities **(1 period)**	Reinforce understanding of geometric constructions.	Review, reinforcement	Review games focusing on geometric shapes and their properties.	Pupil's Book, review materials	Informal assessments through activities	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
Week 3: 4-8 May 2025	**Lesson 6:** Drawing a regular hexagon **(1 period)**	Accurately draw a regular hexagon using a protractor and ruler.	Hexagon, sides, angles	Pupils will work on the activity 12.5 in pairs to explore drawing a regular hexagon They will also work on application activity 12.5 for practice or assessment.	Pupil's Book, protractors, rulers	Assessment on accuracy of drawn hexagons	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 180-181)	
	Lesson 7: Constructing triangles using a pair of compasses and a ruler **(1 period)**	Learn to construct triangles using a compass and ruler.	Compass, triangle, construction	Pupils will work on the activity 12.6 in pairs to explore constructing triangles using a pair of compasses and a ruler They will also work on application activity 12.6 for practice or assessment	Pupil's Book, compasses, rulers	Assessment on accuracy of constructed triangles	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 181-183)	

	Lesson 8: Constructing a rectangle using a pair of compasses and a ruler **(2 periods)**	Construct rectangles using a compass and ruler.	Rectangle, construction	Pupils will work on the activity 12.8 in pairs to explore Constructing a rectangle using a pair of compasses and a ruler They will also work on application activity 12.8 for practice or assessment	Pupil's Book, compasses, rulers	Assessment on accuracy of constructed rectangles	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 183-186)	
	Lesson 9: Finding the central angle of a regular polygon **(2 periods)**	Calculate the central angle of various regular polygons.	Central angle, regular polygon	Pupils will work on the activity 12.9 in pairs to explore finding the central angle of a regular polygon They will also work on application activity 12.9 for practice or assessment.	Pupil's Book, calculators	Classwork on calculating central angles	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 186-187)	
	Lesson 10: Constructing a regular pentagon and regular hexagon	Construct regular pentagons and hexagons using a compass.	Pentagon, hexagon, construction	Pupils will work on the activity 12.10 in pairs to explore constructing a regular pentagon and regular hexagon	Pupil's Book, compasses, rulers	Assessment on accuracy of constructions	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 188-190)	

	(2 periods)			They will also work on application activity 12.10 for practice or assessment				
	Remedial activities **(1 period)**	Reinforce understanding of constructions and angles.	Review, reinforcement	Review activities focusing on constructions and calculations.	Pupil's Book, review materials	Informal assessments through activities	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
Week 4: 11-15 May 2025	**Lesson 11:** Constructing a regular heptagon and a regular octagon **(2 periods)**	Construct regular heptagons and octagons using a compass.	Heptagon, octagon, construction	Pupils will work on the activity 12.11 in pairs to explore Constructing a regular heptagon and a regular octagon They will also work on application activity 12.11 for practice or assessment	Pupil's Book, compasses, rulers	Assessment on accuracy of constructions	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 190-192)	
	Lesson 12: Constructing a regular nonagon and decagon **(2 periods)**	Construct regular nonagons and decagons using a compass.	Nonagon, decagon, construction	Pupils will work on the activity 12.12 in pairs to explore Constructing a regular nonagon and decagon They will also work on application	Pupil's Book, compasses, rulers	Assessment on accuracy of constructions	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 192-195)	

				activity 12.12 for practice or assessment				
	Lesson 13: Designing nets of cuboids, cubes, and prisms **(2 periods)**	Design nets for various 3D shapes.	Nets, cuboid, cube, prism	Pupils will work on the activity 12.13 in pairs to explore designing nets of cuboids, cubes, and prisms They will also work on application activity 12.13 for practice or assessment	Pupil's Book, paper, scissors	Assessment on accuracy of designed nets	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 197-199)	
	Remedial activities **(1 period)**	Reinforce understanding of nets and 3D shapes.	Review, reinforcement	Review games focused on nets and 3D shapes.	Pupil's Book, review materials	Informal assessments through activities	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
	End unit assessment **(2 periods)**	Evaluate understanding of geometric constructions and nets.	Assessment, understanding	Administer end-of-unit 12 test and review results.	Pupil's Book, assessment sheets	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 198)	

UNIT 13: Area bounded by a circle, surface area and volume of some solids
Number of periods: 16periods
Key unit competence: Pupils will be able to calculate the area enclosed by a circle, the surface area and volume of cylinder, cone, sphere, prism and pyramid.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment S	References	Weekly Observations/Remarks
Week 5: 18-22 May 2025	**Lesson 1:** Introduction on the content of the unit **(1 period)**	Introduce the unit's objectives and content about circles and surface areas.	Circle, area, surface area	Class discussion on the importance of understanding the area and surface area in real life.	Pupil's Book, whiteboard	Class participation and feedback	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 199-200)	
	Lesson 2: Estimating the area bounded by a circle using squared paper **(1 period)**	Estimate the area of a circle using squared paper.	Estimate, area, circle	Pupils will work on the activity 13.1 in pairs to Estimating the area bounded by a circle using squared paper They will also work on application activity 13.1 for practice or assessment	Pupil's Book, squared paper	Assessment on estimating area	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 200-201)	
	Lesson 3: Exploring the area bounded by a	Understand the relationship between	Circumference, radius, area	Pupils will work on the activity 13.2 in pairs to explore Exploring the area	Pupil's Book, calculators	Classwork on calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 202-205)	

	circle using the concept of circumference and radius **(1 period)**	circumference, radius, and area of a circle.		bounded by a circle using the concept of circumference and radius They will also work on application activity 13.2 for practice or assessment				
	Lesson 4: Surface area of a cylinder (use of net and formula) (1 period)	Calculate the surface area of a cylinder using nets and the formula.	Cylinder, surface area, net, formula	Pupils will work on the activity 13.3 in pairs to explore Surface area of a cylinder (use of net and formula) They will also work on application activity 13.3 for practice or assessment	Pupil's Book, nets, rulers	Assessment on calculating surface area	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 205-207)	
	Lesson 5: Surface area of a prism (use of nets and formula) **(2 periods)**	Calculate the surface area of various prisms using nets and formulas.	Prism, surface area, net, formula	Pupils will work on the activity 13.4 in pairs to explore Surface area of a prism (use of nets and formula) They will also work on application activity	Pupil's Book, nets, graph paper	Classwork on calculating surface area	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 208-209)	

				13.4 for practice or assessment				
	Lesson 6: Surface area of a pyramid (use of nets and formula) **(2 periods)**	Calculate the surface area of pyramids using nets and formulas.	Pyramid, surface area, net, formula	Pupils will work on the activity 13.5 in pairs to explore Surface area of a pyramid (use of nets and formula) They will also work on application activity 13.5 for practice or assessment	Pupil's Book, nets, rulers	Assessment on surface area calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 210-211)	
	Lesson 7: Remedial activities **(1 period)**	Reinforce understanding of surface area concepts.	Review, reinforcement	Review games and exercises focusing on surface areas.	Pupil's Book, review materials	Informal assessments through activities	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
Week 6: 25-29 May 2025	**Lesson 8:** Surface area of a cone (use of nets and formula) **(1 period)**	Calculate the surface area of a cone using nets and formulas.	Cone, surface area, net, formula	Pupils will work on the activity 13.6 in pairs to explore Surface area of a cone (use of nets and formula) They will also work on application activity 13.6 for practice or assessment	Pupil's Book, nets, rulers	Assessment on calculating surface area	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 212-213)	

	Lesson 9: Surface area of a sphere (use of real sphere and formula) **(1 period)**	Calculate the surface area of a sphere using the formula.	Sphere, surface area, formula	Pupils will work on the activity 13.7 in pairs to explore Surface area of a sphere (use of real sphere and formula) They will also work on application activity 13.7 for practice or assessment	Pupil's Book, real spheres	Classwork on calculating surface area	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 213-215)	
	Lesson 10: Volume of a prism **(1 period)**	Calculate the volume of various prisms using formulas.	Volume, prism, formula	Pupils will work on the activity 13.8 in pairs to Volume of a prism They will also work on application activity 13.8 for practice or assessment	Pupil's Book, calculators	Assessment on volume calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 215-218)	
	Lesson 11: Volume of a cylinder **(1 period)**	Calculate the volume of a cylinder using the formula.	Volume, cylinder, formula	Pupils will work on the activity 13.9 in pairs to explore Volume of a cylinder They will also work on application activity 13.9 for practice or assessment	Pupil's Book, measuring tools	Assessment on volume calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 218-219)	

	Lesson 12: Volume of a cone **(1 period)**	Calculate the volume of a cone using the formula.	Volume, cone, formula	Pupils will work on the activity 13.10 in pairs to explore Volume of a cone They will also work on application activity 13.10 for practice or assessment	Pupil's Book, calculators	Assessment on volume calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 219-221)	
	Lesson 13: Volume of a pyramid **(1 period)**	Calculate the volume of a pyramid using the formula.	Volume, pyramid, formula	Pupils will work on the activity 13.11 in pairs to Volume of a pyramid They will also work on application activity 13.11 for practice or assessment	Pupil's Book, measuring tools	Assessment on volume calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 221-223)	
	Lesson 14: Finding volume of a sphere **(1 period)**	Calculate the volume of a sphere using the formula.	Volume, sphere, formula	Pupils will work on the activity 13.12 in pairs to explore Finding volume of a sphere They will also work on application activity 13.12 for practice or assessment	Pupil's Book, calculators	Assessment on volume calculations	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 223-224)	

	Lesson 15: End unit assessment **(1 period)**	Evaluate understanding of area and volume concepts.	Assessment, understanding	Administer end-of-unit 13 test and review results.	Pupil's Book, assessment sheets	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 224-225)	

UNIT 14: Data handling **Number of periods: 16periods**

Key Unit Competence: Pupils will be able to collect, represent and interpret data in order to solve a problem.

Dates/Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 7: 1-5 June 2025	**Lesson 1:** Introduction on the content of the unit **(1 period)**	Introduce the unit's objectives and content about data collection and interpretation.	Data, investigation, frequency table	Class discussion on the importance of data in decision-making.	Pupil's Book, whiteboard	Class participation and feedback	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 226-227)	
	Lesson 2: Collecting the data to investigate a question	Understand how to collect relevant data for a given question.	Data collection, survey, question	Pupils will work on the activity 14.1 in groups to explore Collecting the data to investigate a question	Pupil's Book, survey templates	Assessment on the ways of collecting data and the role for	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 227-228)	

	(1 period)			They will also work on application activity 14.1 for practice or assessment.		data collection.		
	Lesson 3: Explore a question using a tally to complete a frequency table **(2 periods)**	Use tally marks to create a frequency table from collected data.	Tally, frequency table, organization	Pupils will work on the activity 14.2 in groups to explore a question using a tally to complete a frequency table They will also work on application activity 14.2 for practice or assessment.	Pupil's Book, tally sheets	Classwork on creating frequency tables	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 228-230)	
	Lesson 4: Interpreting the data in frequency tables **(2 periods)**	Analyze frequency tables to extract meaningful information.	Interpretation, frequency, analysis	Pupils will work on the activity 14.3 in groups to explore Interpreting the data in frequency tables They will also work on application activity 14.3 for practice or assessment.	Pupil's Book, example tables	Assessment on interpreting data	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 228-230)	
	Lesson 5: Representing the data in	Create bar charts to visually	Bar chart, representation	Pupils will work on the activity 14.3 in groups to explore	Pupil's Book,	Classwork on creating and	MATHEMATICS PRIMARY 6	

	a bar chart **(2 periods)**	represent data.	, data visualization	Representing the data in a bar chart They will also work on application activity 14.3 for practice or assessment.	graph paper	interpreting bar charts	PUPIL'S BOOK (Pages 230-231)	
	Lesson 6: Remedial activities **(1 period)**	Reinforce understanding of data collection and representation.	Review, reinforcement	Review games and exercises focusing on data interpretation and representation.	Pupil's Book, review materials	Informal assessments through activities	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
Week 8: 8-12 June 2025	**Lesson 7:** Interpreting the data in a bar chart **(1 period)**	Analyze bar charts to draw conclusions from data.	Interpretation, bar chart, conclusion	Pupils will work on the activity 14.4 in groups to explore Interpreting the data in a bar chart They will also work on application activity 14.4 for practice or assessment	Pupil's Book, bar chart examples	Assessment on interpreting bar charts	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 232-233)	
	Lesson 8: Representing data in pie charts **(2 periods)**	Create pie charts to visually represent data.	Pie chart, data representation	Pupils will work on the activity 14.5 in groups to explore Interpreting the data in a bar chart	Pupil's Book, graph paper	Classwork on creating pie charts	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 233-235)	

				They will also work on application activity 14.5 for practice or assessment				
	Lesson 9: Interpreting the data in pie charts to draw a conclusion **(2 periods)**	Analyze pie charts to extract meaningful conclusions.	Interpretation, pie chart, conclusion	Pupils will work on the activity 14.6 in groups to explore Interpreting the data in a bar chart They will also work on application activity 14.6 for practice or assessment	Pupil's Book, example pie charts	Assessment on interpreting pie charts	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 235-236)	
	Lesson 10: Collect the data, summarize it in a table and represent in a bar chart or pie chart **(2 periods)**	Collect and summarize data, then represent it visually.	Data collection, summarization, representation	Pupils will work on the activity 14.7 in groups to explore Collect the data, summarize it in a table and represent in a bar chart or pie chart They will also work on application activity 14.7 for practice or assessment	Pupil's Book, survey templates, graph paper	Assessment on the entire data process	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 236-239)	

	Lesson 11: Remedial activities **(1 period)**	Reinforce understanding of data representation and interpretation.	Review, reinforcement	Review activities focused on bar and pie charts.	Pupil's Book, review materials	Informal assessments through activities	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
	Lesson 12: End of unit assessment **(1 period)**	Evaluate understanding of data collection and representation.	Assessment, understanding	Pupils will work on the activity 14.6 in groups to explore End of unit assessment	Pupil's Book, assessment sheets	Formal test evaluation	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 239)	

Unit title: UNIT 15: Likelihood of events **Number of periods: 8**

Key Unit Competence: Pupils will be able to describe and arrange real life events in terms of likelihood on the line of chance.

Dates/ Weeks	Lesson Title/Periods	Learning Objectives	Content Summary	Teaching and Learning Activities/approaches	Teaching and Learning Aids	Assessment	References	Weekly Observations/Remarks
Week 9: 15-19 June 2025	**Lesson 1: Introduction on the content of the unit** (1 period)	Introduce the unit's objectives and content about the vocabulary of chance.	Chance, outcomes, sure, certain, uncertain/ unsure, impossible.	Class discussion on the importance of understanding chance in decision-making.	Worksheets with vocabulary of chance and sentences to be filled.	**Think-pair-share activity.** Pupils should be able to match given real-life events (e.g., "The sun will rise tomorrow," "A dog will read a book") with the correct preliminary vocabulary terms (certain, impossible) and justify their choices to a partner.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 240)	
	Lesson 2: Vocabulary of chance: impossibl	Use of impossible and certain as vocabul	Impossible, certain	Pupils will work on the activity 15.1 in pairs to explore Vocabulary of	Pupil's Book, vocabulary charts	**Marked application activity.** Pupils should be able to correctly classify a set of events as either *impossible* or *certain* and create their own original	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Page 241)	

	e, certain (1 period)	ary of chance.		chance: impossible, certain. They will also work on application activity 15.1 for practice or assessment.		examples for each category with accuracy. Pupils should correctly place event cards on a "Likelihood Line" (from impossible to certain).		
	Lesson 3: Vocabulary of chance: equally likely, unlikely, likely (2 periods)	Learn additional vocabulary related to probability.	Unlikely, Equally likely, likely	Pupils will work on the activity 15.2 in pairs to explore Vocabulary of chance: equally likely, unlikely, likely. They will also work on application activity 15.2 for practice or assessment.	Pupil's Book, examples	**Classwork and exit tickets.** Pupils should be able to accurately use the terms *likely*, *unlikely*, and *equally likely* to describe the chance of outcomes in simple scenarios (e.g., rolling a die, picking a colored cube from a bag). Pupils should correctly place event cards on a "Likelihood Line" (from impossible to certain).	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 242-244)	
	Lesson 4: Using expected	Apply knowledge of	Expected outcom	Pupils will work on the activity 15.3	Pupil's Book, experim	**Observation of group experiments and a short report.** Pupils should be	MATHEMATICS PRIMARY	

	outcomes of experiment to decide how likely an event is to happen: Less likely or more likely (2 periods)	expected outcomes to assess likelihood.	es, less likely, more likely	in groups to explore using expected outcomes to decide likelihood. They will also work on application activity 15.3 for practice or assessment.	ent materials	able to conduct a simple experiment (e.g., with die or a coin or colored marbles), record outcomes, and use the data to correctly compare two events using the terms *more likely* or *less likely*. Pupils should correctly place event cards on a "Likelihood Line" (from impossible to certain).	6 PUPIL'S BOOK (Pages 244-245)	
	Lesson 5: Determining the likelihood of events (application) (1 period)	Determine the likelihood of various events.	Likelihood, event, probability	Pupils will work on the activity 15.4 in groups to explore the likelihood of events. They will also work on application activity 15.4 for practice or assessment.	Pupil's Book, scenario cards	**Graded classwork on calculating likelihood.** Pupils should be able to analyze a scenario (e.g., the contents of a bag with different colored balls) and order multiple possible events from *least likely* to *most likely* to happen, providing a logical reason for their ordering.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 245-246)	

						Pupils should correctly place event cards on a "Likelihood Line" (from impossible to certain).		
	Remedial activities (1 period)	Reinforce understanding of concepts related to chance.	Review, reinforcement	Review games focused on vocabulary and concepts of chance.	Pupil's Book, review materials	**Informal assessment through a "chance Sorting" game.** The teacher will observe and note pupils who struggle to correctly place event cards on a "Likelihood Line" (from impossible to certain) and will provide immediate, targeted support.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK	
	End unit assessment (1 period)	Evaluate the key unit competence.	Assessment,	Pupils will work individually on the activity 15.5 for the End of unit assessment.	Pupil's Book, assessment sheets	**Formal summative assessment.** The test will evaluate the key unit competence. Pupils should be able to correctly describe and order real-life events on a continuum of chance, using all learned vocabulary appropriately and justifying their reasoning for at least 80% of the questions.	MATHEMATICS PRIMARY 6 PUPIL'S BOOK (Pages 247-248)	

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