FORMAT OF UNITPLANS/SCHEME OF WORK

RUTSIRO DISTRICT   ACADEMIC YEAR 2024-2025   SCHOOL NAME ………………   SUBJECT :MATHEMATICS

TEACHER NAME:…………….   CLASS :P5   NUMBER OF PERIODS:8

| TERM 1:   09/09/2024 - 20/12/2024 |||||||

TERM 1: 09/09/2024 - 20/12/2024							
Dates	Unit title	Lesson title + Evaluation	Learning Objectives (Copied or adapted from the syllabus) + Key unit competence	Teaching methodology & techniques	Resources and references	Observation
WEEK1 9-13/ 09/2024	Unit 1: Numbers and Operation	LESSON 1: Reading numbers up to 1000000 in words	*Knowledge and understanding* : Name all place values up to 1000 000 *Skill* :Compare numbers of any size using place values with general understanding *Attitude and value:* Appreciate the importance of reading and writing correctly	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	
		LESSON 2: Reading numbers up to 1000000 in words	*Knowledge and understanding* : Name all place values up to 1000 000 *Skill* :Compare numbers of any size using place values with general understanding *Attitude and value:* Appreciate the importance of reading and writing correctly	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	

		LESSON 3: Writing numbers up to 1000000 in words	***Knowledge and understanding*** : Name all place values up to 1000 000 ***Skill*** :Compare numbers of any size using place values with general understanding ***Attitude and value:*** Appreciate the importance of reading and writing correctly	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	
		LESSON 4: Identify the place value in written number	***Knowledge and understanding*** : Name all place values up to 1000 000 ***Skill*** :Compare numbers of any size using place values with general understanding ***Attitude and value:*** Appreciate the importance of reading and writing correctly	Group work Discussion	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	
		LESSON 5: Identify the place value in written number	***Knowledge and understanding*** : Name all place values up to 1000 000 ***Skill*** :Compare numbers of any size using place values with general understanding ***Attitude and value:*** Appreciate the importance of reading and writing correctly	Group work Discussion	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	

Week2 16-20/ 09/2024		LESSON 6: Comparing numbers using >, < or =	**Knowledge and understanding** : General understanding of place values **Skill** :Apply comparison of numbers in Daily life **Attitude and value:** Developing personal confidence in the use of numbers	Group work Discussion	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	

		LESSON 7: Addition of 3 or more whole numbers of 7digits without carrying	**Knowledge and understanding** : Explain the concept and process of addition of 3numbers of6digits without carrying **Skill** :Carry out addition of 3 or more whole numbers **Attitude and value:** Appreciate the importance of addition in daily life	Group work Discussion	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	
		LESSON 8: Addition of 3 or more whole numbers of 7digits without carrying	**Knowledge and understanding** : Explain the concept and process of addition of 3numbers of6digits without carrying **Skill** :Carry out addition of 3 or more whole numbers **Attitude and value:** Appreciate the importance of addition in daily life	Group work Discussion	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	

		LESSON 9: Addition of 3 or more whole numbers of 7digits without carrying	*Knowledge and understanding* : Explain the concept and process of addition of 3numbers of6digits without carrying *Skill* :Carry out addition of 3 or more whole numbers *Attitude and value:* Appreciate the importance of addition in daily life	Group work Discussion n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	
		LESSON 10: Subtraction of 2 whole numbers of 7digits with or without borrowing	*Knowledge and understanding* : Explain the concept and process of subtraction of 2numbers of 7digits with or without borrowing *Skill* :Apply the knowledge of subtraction in daily situations *Attitude and value:* Appreciate the importance of subtraction in daily life	Group work Discussion n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	
		LESSON 11: Subtraction of 2 whole numbers of 7digits with or without borrowing	*Knowledge and understanding* : Explain the concept and process of subtraction of 2numbers of 7digits with or without borrowing *Skill* :Apply the knowledge of subtraction in daily situations *Attitude and value:* Appreciate the importance of subtraction in daily life	Group work Discussion	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	

		LESSON 12: Multiplying whole numbers by 3 digits	**Knowledge and understanding** : Explain the concept and process of multiplication by a 3 digit number. **Skill** : Apply the knowledge of multiplication in daily situations **Attitude and value:** Appreciate the importance of multiplication in daily life	Group work Discussion n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	
Week3 **23-27/** **09/2024**		LESSON 13: Multiplying whole numbers by 3 digits	**Knowledge and understanding** : Explain the concept and process of multiplication by a 3 digit number. **Skill** : Apply the knowledge of multiplication in daily situations **Attitude and value:** Appreciate the importance of multiplication in daily life	Group work Discussion n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	

		LESSON 14: Quick multiplication of a 3digit number by 5, 9, 11 and 19	**Knowledge and understanding** : Explain the concept and process of multiplication by a 3 digit number. **Skill** : Apply the knowledge of multiplication in daily situations **Attitude and value:** Appreciate the importance of multiplication in daily life	Group work Discussion	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Spotlight)	

		LESSON 15: Quick multiplication of a 3digit number by 5, 9, 11 and 19	*Knowledge and understanding* : Explain the concept and process of multiplication by a 3 digit number. *Skill* : Apply the knowledge of multiplication in daily situations *Attitude and value:* Appreciate the importance of multiplication in daily life	Group work Discussion	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 16: Quick multiplication of a 3digit number by 25, 49 and 49	*Knowledge and understanding* : Explain the concept and process of multiplication by a 3 digit number. *Skill* : Apply the knowledge of multiplication in daily situations *Attitude and value:* Appreciate the importane of multiplication in daily life	Group work Discussion	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 17: Quick multiplication of a 3digit number by 25, 49 and 49	*Knowledge and understanding* : Explain the concept and process of multiplication by a 3 digit number. *Skill* : Apply the knowledge of multiplication in daily situations *Attitude and value:* Appreciate the importane of multiplication in daily life	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 18: Division without remainder of a 3digit number by 2digit number	**_Knowledge and understanding_** : Explain the concept and process of division of numbers. **_Skill_** : Apply the knowledge of division in daily situations **_Attitude and value:_** Appreciate the importane of division in daily life	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 19: Division without remainder of a 3digit number by 2digit number	**_Knowledge and understanding_** : Explain the concept and process of division of numbers. **_Skill_** : Apply the knowledge of division in daily situations **_Attitude and value:_** Appreciate the importane of division in daily life	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 20: Solving mathematical problems involving addition, subtraction and multiplication	**_Knowledge and understanding_** : Explain the concept and process of solving of mathematical problems. **_Skill_** : Apply the knowledge of addition, subtraction and division in solving mathematical problems in daily situations **_Attitude and value:_** Calculate quickly and accurately	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 21: Solving mathematical problems involving addition, subtraction and multiplication	***Knowledge and understanding*** : Explain the concept and process of solving of mathematical problems. ***Skill*** : Apply the knowledge of addition, subtraction and division in solving mathematical problems in daily situations ***Attitude and value:*** Calculate quickly and accurately	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 22: Assessment				
Week4 **30/9-5/10/** **2024**	Unit 2: ADDITION AND SUBTRACTIO N OF INTEGERS	LESSON 1: Location of positive and negative numbers on a number line	***Knowledge and understanding*** : Explain that when two numbers have opposite signs they are located on opposite sides of 0 on the number line ***Skill*** : Compare integers physically and mentally using a number line ***Attitude and value:*** Appreciate the applicaton of negative numbers in practical contexts	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 2: Location of positive and negative numbers on a number line	***Knowledge and understanding*** : Explain that when two numbers have opposite signs they are located on opposite sides of 0 on the number line ***Skill*** : Compare integers physically and mentally using a number line ***Attitude and value:*** Appreciate the	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book	

			applicaton of negative numbers in practical contexts		(Sportligth)	
		LESSON 3: Comparision, odering of integers using number line	*Knowledge and understanding* : Explain and show how to locate positive and negative numbers on the number line . *Skill* : Compare integers physically and mentally using a number line *Attitude and value:* Appreciate the applicaton of negative numbers in practical contexts	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 4: Comparing numbers using >, < or =	*Knowledge and understanding* : Explain and show how to locate positive and negative numbers on the number line . *Skill* : Compare integers physically and mentally using a number line *Attitude and value:* Appreciate the applicaton of negative numbers in practical contexts	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

| | | LESSON 5: Addition of integers using number line | **Knowledge and understanding** : Describe the consept of addition of integers.
Skill : Compare integers physically and mentally using a number line
Attitude and value: Appreciate the applicaton of negative numbers in practical contexts | Group work | Mathematics Syllabus for upper primary P4-P6
P5 Mathematics Learner's Book(Fountain)
P5 Mathematics Learner's book (Sportligth) | |

| | | LESSON 6: Addition of integers using number line | **Knowledge and understanding** : Describe the consept of addition of integers.
Skill : Compare integers physically and mentally using a number line
Attitude and value: Appreciate the applicaton of negative numbers in practical contexts | Group work | Mathematics Syllabus for upper primary P4-P6
P5 Mathematics Learner's Book(Fountain)
P5 Mathematics Learner's book (Sportligth) | |
| | | LESSON 7: Subtraction of itegers using number line | **Knowledge and understanding** : Describe the concept of subtraction of integers.
Skill : Compare integers physically and mentally using a number line
Attitude and value: Appreciate the applicaton of negative numbers in practical contexts | Group work | Mathematics Syllabus for upper primary P4-P6
P5 Mathematics Learner's Book(Fountain)
P5 Mathematics Learner's book (Sportligth) | |

		LESSON 8: Addition of itegers without using number line	***Knowledge and understanding*** : Describe the consept of addition of integers. ***Skill*** : Compare integers physically and mentally without using a number line ***Attitude and value:*** Appreciate the applicaton of negative numbers in practical contexts	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
Week5 **7-11/10/** **2024**		LESSON 9: Addition of itegers without using number line	***Knowledge and understanding*** : Describe the consept of addition of integers. ***Skill*** : Compare integers physically and mentally without using a number line ***Attitude and value:*** Appreciate the applicaton of negative numbers in practical contexts	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 10: Addition of itegers without using number line	***Knowledge and understanding*** : Describe the consept of addition of integers. ***Skill*** : Compare integers physically and mentally without using a number line ***Attitude and value:*** Appreciate the applicaton of negative numbers in practical contexts	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 11: Subtraction of itegers without using number line	**Knowledge and understanding** : Describe the consept of subtraction of integers. **Skill** : Compare integers physically and mentally using a without using number line **Attitude and value:** Appreciate the applicaton of negative numbers in practical contexts	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 12: Additive inverses of numbers	**Knowledge and understanding** : Describe the consept of addition of integers. **Skill** : Compare integers physically and mentally using a number line **Attitude and value:** Appreciate the relationship between positives and negatives in term of debits	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 13: Solving problems involving addition of integers	**Knowledge and understanding** : Describe the consept of addition of integers. **Skill** : Compare integers physically and mentally using a number line **Attitude and value:** Appreciate the relationship between positives and negatives in term of debits	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 14: Solving problems involving subtraction of integers	***Knowledge and understanding*** : Describe the consept of subtraction of integers. ***Skill*** : Compare integers physically and mentally using a number line ***Attitude and value:*** Appreciate the relationship between positives and negatives in term of debits	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 15: Assessment				
Week6 **14-18/** **10/2024**	UNIT 3 : Prime factorisation and divisibility tests	LESSON 1: Prime factorisation of numbers	***Knowledge and understanding*** : Explain prime numbers. ***Skill*** : Explain the importance of LCM in daily life situations ***Attitude and value:*** Appreciate the importance of LCM in daily life situations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 2: Prime factorisation of numbers	***Knowledge and understanding*** : Explain prime numbers. ***Skill*** : Explain the importance of LCM in daily life situations ***Attitude and value:*** Appreciate the importance of LCM in daily life situations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 3: uniqueness of numbers	*Knowledge and understanding* : Explain prime numbers. *Skill* : Explain the importance of LCM in daily life situations *Attitude and value:* Appreciate the importance of LCM in daily life situations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 4: uniqueness of numbers	*Knowledge and understanding* : Explain prime numbers. *Skill* : Explain the importance of LCM in daily life situations *Attitude and value:* Appreciate the importance of LCM in daily life situations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 5: Use indices as shorthand for repeated factors	*Knowledge and understanding* : Explain prime numbers. *Skill* : Factorise numbers using prime factors. *Attitude and value:* Show respect to one another	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 6: Use indices as shorthand for repeated factors	***Knowledge and understanding*** : Explain prime numbers. ***Skill*** : Factorise numbers using prime factors. ***Attitude and value:*** Show respect to one another	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 7: Calculate of LCM	***Knowledge and understanding*** : Explain LCM. ***Skill*** : Factorise numbers using prime factors. ***Attitude and value:*** Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 8: Calculation of LCM	***Knowledge and understanding*** : Explain LCM. ***Skill*** : Factorise numbers using prime factors. ***Attitude and value:*** Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 9: Calculation of GCF	**Knowledge and understanding** : Explain GCF. **Skill** : Factorise numbers using prime factors. **Attitude and value:** Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 10: Calculation of LCM and GCF	**Knowledge and understanding** : Explain LCM and GCF. **Skill** : Calculate the LCM and GCF of numbers. **Attitude and value:** Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 11: Divisibility test for 2 and 3	**Knowledge and understanding** : Explain and memorise the rule of divisibility tests of numbers. **Skill** : Calculate and show the rule of divisibility tests. **Attitude and value:** Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

Week7 21-25/ 10/2024		LESSON 12: Divisibility test for 2 and 3	*Knowledge and understanding* : Explain and memorise the rule of divisibility tests of numbers. *Skill* : Calculate and show the rule of divisibility tests. *Attitude and value:* Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 13: Divisibility test for 4	*Knowledge and understanding* : Explain and memorise the rule of divisibility tests of numbers. *Skill* : Calculate and show the rule of divisibility tests. *Attitude and value:* Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 14: Divisibility test for 5	*Knowledge and understanding* : Explain and memorise the rule of divisibility tests of numbers. *Skill* : Calculate and show the rule of divisibility tests. *Attitude and value:* Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 15: Divisibility test for 6	**Knowledge and understanding** : Explain and memorise the rule of divisibility tests of numbers. **Skill** : Calculate and show the rule of divisibility tests. **Attitude and value:** Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 16: Divisibility test for 8	**Knowledge and understanding** : Explain and memorise the rule of divisibility tests of numbers. **Skill** : Calculate and show the rule of divisibility tests. **Attitude and value:** Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 17: Divisibility test for 9	**Knowledge and understanding** : Explain and memorise the rule of divisibility tests of numbers. **Skill** : Calculate and show the rule of divisibility tests. **Attitude and value:** Be confident and accurate when carrying out different calculations	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

| | | LESSON 18: Divisibility test for 10 | **Knowledge and understanding** : Explain and memorise the rule of divisibility tests of numbers.
 Skill : Calculate and show the rule of divisibility tests.
 Attitude and value: Be confident and accurate when carrying out different calculations | Group work | Mathematics Syllabus for upper primary P4-P6
 P5 Mathematics Learner's Book(Fountain)
 P5 Mathematics Learner's book (Sportligth) | |
| | | LESSON 19: Divisibility test for 11 | **Knowledge and understanding** : Explain and memorise the rule of divisibility tests of numbers.
 Skill : Calculate and show the rule of divisibility tests.
 Attitude and value: Be confident and accurate when carrying out different calculations | Group work | Mathematics Syllabus for upper primary P4-P6
 P5 Mathematics Learner's Book(Fountain)
 P5 Mathematics Learner's book (Sportligth) | |

Week8 28/10-1/11/ 2024	UNIT 4: Equivalent fraction	LESSON 1: Concept of equivalent of fractions (using models)	**Knowledge and understanding** : Explain the concept of equivalent fractions **Skill** : apply the knowledge of equivalent fractions in daily life situations **Attitude and value:** Show respect to another in groups.	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 2: Concept of equivalent of fractions (using models)	**Knowledge and understanding** : Explain the concept of equivalent fractions **Skill** : apply the knowledge of equivalent frations indaily life situations **Attitude and value:** Show respect to another in groups.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 3: Concept of equivalent of fractions (using models)	**Knowledge and understanding** : Explain the concept of equivalent fractions **Skill** : apply the knowledge of equivalent frations indaily life situations **Attitude and value:** Show respect to another in groups.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 4: Concept of equivalent of fractions (using model)	**Knowledge and understanding** : Explain the concept of equivalent fractions **Skill** : apply the knowledge of equivalent frations indaily life situations **Attitude and value:** Show respect to another in groups.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 5: Concept of equivalent of fractions (using model)	**Knowledge and understanding** : Explain the concept of equivalent fractions **Skill** : apply the knowledge of equivalent frations indaily life situations **Attitude and value:** Show respect to another in groups.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 6: Calculation of equivalent fractions with understanding.	**Knowledge and understanding** : Explain how to find equivalent fractions **Skill** : apply the knowledge of equivalent frations indaily life situations **Attitude and value:** Be confident and accurate when finding equivalent fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 7: Calculation of equivalent fractions with understanding.	**Knowledge and understanding** : Explain how to find equivalent fractions **Skill** : apply the knowledge of equivalent frations indaily life situations **Attitude and value:** Be confident and accurate when finding equivalent fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 8: Calculation of equivalent fractions with understanding.	**Knowledge and understanding** : Explain how to find equivalent fractions **Skill** : apply the knowledge of equivalent frations indaily life situations **Attitude and value:** Be confident and	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics .	

			accurate when finding equivalent fractions			

		LESSON 9: Addition of fractions with different denominators (using equivalent fractions and LCM)	***Knowledge and understanding*** : Explain how to add fractions with different denominators ***Skill*** : Explain the use of LCM in addition of fractions. ***Attitude and value:*** Be confident and accurate when finding equivalent fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 10: Addition of fractions with different denominators (using equivalent fractions and LCM)	***Knowledge and understanding*** : Explain how to add fractions with different denominators ***Skill*** : Explain the use of LCM in addition of fractions. ***Attitude and value:*** Be confident and accurate when finding equivalent fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 11: Addition of fractions with different denominators (using equivalent fractions and LCM)	***Knowledge and understanding*** : Explain how to add fractions with different denominators ***Skill*** : Explain the use of LCM in addition of fractions. ***Attitude and value:*** Be confident and accurate when finding equivalent fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics	

					Learner's book (Sportligth)	
		LESSON 12: Subtraction of fractions with different denominators (using equivalent fractions and LCM)	***Knowledge and understanding*** : Explain how to subtract fractions with different denominators ***Skill*** : Explain the use of LCM in addition of fractions. ***Attitude and value:*** Be confident and accurate when finding equivalent fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 13: Subtraction of fractions with different denominators (using equivalent fractions and LCM)	***Knowledge and understanding*** : Explain how to subtract fractions with different denominators ***Skill*** : Explain the use of LCM in addition of fractions. ***Attitude and value:*** Be confident and accurate when finding equivalent fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 14: Subtraction of fractions with different denominators (using equivalent fractions	***Knowledge and understanding*** : Explain how to subtract fractions with different denominators ***Skill*** : Explain the use of LCM in addition of fractions. ***Attitude and value:*** Be confident and	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book	

		and LCM)	accurate when finding equivalent fractions		(Sportligth)	

		LESSON 15: Multiplication of fractions with different denominators	***Knowledge and understanding*** : Explain how to multiply fractions with different denominators ***Skill*** : Explain the use of LCM in addition of fractions. ***Attitude and value:*** Appreciate the importance of accuracy when working out multiplication of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 16: Multiplication of fractions with different denominators	***Knowledge and understanding*** : Explain how to multiply fractions with different denominators ***Skill*** : Describe the method ***Attitude and value:*** Appreciate the importance of accuracy when working out multiplication of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 17: Multiplication of fractions with different denominators	**Knowledge and understanding** : Explain how to multiply fractions with different denominators **Skill** : Describe the method **Attitude and value:** Appreciate the importance of accuracy when working out multiplication of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 18: Division of fractions with different denominators	**Knowledge and understanding** : Explain how to divise fractions with different denominators **Skill** : Describe the method **Attitude and value:** Appreciate the importance of accuracy when working out division of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 19: Division of fractions with different denominators	**Knowledge and understanding** : Explain how to divise fractions with different denominators **Skill** : Describe the method **Attitude and value:** Appreciate the importance of accuracy when working out division of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 20: Division of fractions with different denominators	**Knowledge and understanding** : Explain how to divise fractions with different denominators **Skill** : Describe the method	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain)	

			Attitude and value: Appreciate the importance of accuracy when working out division of fractions		P5 Mathematics Learner's book (Sportligth)	
Week9 4-8/11/ 2024		LESSON 21: Problems involving addition of fractions	*Knowledge and understanding* : Describe process of solving simple problems involving fractions. *Skill* : Describe the method for addition of fractions. *Attitude and value:* Appreciate the importance of accuracy when working out addition of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 22: Problems involving addition of fractions	*Knowledge and understanding* : Describe process of solving simple problems involving fractions. *Skill* : Describe the method for addition of fractions. *Attitude and value:* Appreciate the importance of accuracy when working out addition of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 23: Problems involving addition of fractions	*Knowledge and understanding* : Describe process of solving simple problems involving fractions. *Skill* : Describe the method for addition of fractions. *Attitude and value:* Appreciate the	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics	

			importance of accuracy when working out addition of fractions		Learner's book (Sportligth)
		LESSON 24: Problems involving subtraction of fractions	**_Knowledge and understanding_** : Describe process of solving simple problems involving fractions. **_Skill_** : Describe the method for subtraction of fractions. **_Attitude and value:_** Appreciate the importance of accuracy when working out subtraction of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)
		LESSON 25: Problems involving subtraction of fractions	**_Knowledge and understanding_** : Describe process of solving simple problems involving fractions. **_Skill_** : Describe the method for subtraction of fractions. **_Attitude and value:_** Appreciate the importance of accuracy when working out subtraction of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)
		LESSON 26: Problems involving subtraction of fractions	**_Knowledge and understanding_** : Describe process of solving simple problems involving fractions. **_Skill_** : Describe the method for subtraction of fractions. **_Attitude and value:_** Appreciate the	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book

			importance of accuracy when working out subtraction of fractions		(Sportligth)	
		LESSON 27: Problems involving multiplication of fractions	***Knowledge and understanding*** : Describe process of solving simple problems involving fractions. ***Skill*** : Describe the method for multiplication of fractions. ***Attitude and value:*** Appreciate the importance of accuracy when working out multiplication of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 28: Problems involving multiplication of fractions	***Knowledge and understanding*** : Describe process of solving simple problems involving fractions. ***Skill*** : Describe the method for multiplication of fractions. ***Attitude and value:*** Appreciate the importance of accuracy when working out multiplication of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 29: Problems involving multiplication of fractions	***Knowledge and understanding*** : Describe process of solving simple problems involving fractions. ***Skill*** : Describe the method for multiplication of fractions.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics	

			Attitude and value: Appreciate the importance of accuracy when working out multiplication of fractions		Learner's book (Sportligth)	
		LESSON 30: Problems involving multiplication of fractions	***Knowledge and understanding*** : Describe process of solving simple problems involving fractions. ***Skill*** : Describe the method for multiplication of fractions. ***Attitude and value:*** Appreciate the importance of accuracy when working out multiplication of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 31: Problems involving addition, subtraction and multiplication of fractions	***Knowledge and understanding*** : Describe process of solving simple problems involving fractions. ***Skill*** : Describe the method for addition, subtraction and multiplication of fractions. ***Attitude and value:*** Appreciate the importance of accuracy when working out addition, subtraction and multiplication of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 32: Problems involving addition, subtraction and multiplication of fractions	***Knowledge and understanding*** : Describe process of solving simple problems involving fractions. ***Skill*** : Describe the method for addition, subtraction and multiplication of fractions. ***Attitude and value:*** Appreciate the	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics	

			importance of accuracy when working out addition, subtraction and multiplication of		Learner's book (Sportligth)	
		LESSON 33: Problems involving addition, subtraction and multiplication of fractions	fractions **Knowledge and understanding** : Describe process of solving simple problems involving fractions. **Skill** : Describe the method for addition, subtraction and multiplication of fractions. **Attitude and value:** Appreciate the importance of accuracy when working out addition, subtraction and multiplication of	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 34: Problems involving addition, subtraction and multiplication of fractions	fractions **Knowledge and understanding** : Describe process of solving simple problems involving fractions. **Skill** : Describe the method for addition, subtraction and multiplication of fractions. **Attitude and value:** Appreciate the importance of accuracy when working out addition, subtraction and multiplication of fractions	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 35: Assessment				

Week10 11-15/11/ 2024	UNIT 5: Multiplication and division of decimals.	LESSON 1: Understanding of the consept of decimal fractions	**Knowledge and understanding** : explain the concept of decimal numbers using place value up to 3 decimal places. **Skill** : Apply decimal concept in solving daily life. **Attitude and value:** Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 2: Understanding of the consept of decimal fractions	**Knowledge and understanding** : explain the concept of decimal numbers using place value up to 3 decimal places. **Skill** : Apply decimal concept in solving daily life. **Attitude and value:** Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 3: Place value of decimals up to 3 decimal places	**Knowledge and understanding** : Identify place values in written decimals. **Skill** : Apply decimal concept in solving daily life. **Attitude and value:** Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 4: Place value of decimals up to 3 decimal places	**Knowledge and understanding** : Identify place values in written decimals. **Skill** : Apply decimal concept in solving daily life.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's	

			Attitude and value: Develop personal confidence in the use of decimal numbers.		Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 5: Place value of decimals up to 3 decimal places	*Knowledge and understanding* : Identify place values in written decimals. *Skill* : Apply decimal concept in solving daily life. *Attitude and value:* Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 6: Comparing decimal numbers	*Knowledge and understanding* : Identify place values in written decimals. *Skill* : Compare 2 or more decimal numbers usunig <,> or =. *Attitude and value:* Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 7: Comparing decimal numbers	*Knowledge and understanding* : Identify place values in written decimals. *Skill* : Compare 2 or more decimal numbers usunig <,> or =. *Attitude and value:* Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 8: Comparing decimal numbers	***Knowledge and understanding*** : Identify place values in written decimals. ***Skill*** : Compare 2 or more decimal numbers usunig <,> or =. ***Attitude and value:*** Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
Week11 **18-22/** **11/2024**		LESSON 9: Multiplication of decimal fractions	***Knowledge and understanding*** : Explain how to multiply decimal numbers. ***Skill*** : Carry out multiplication of decimal numbers up to 3 decimal places. ***Attitude and value:*** Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 10: Multiplication of decimal fractions	***Knowledge and understanding*** : Explain how to multiply decimal numbers. ***Skill*** : Carry out multiplication of decimal numbers up to 3 decimal places. ***Attitude and value:*** Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 11: Multiplication of decimal fractions	***Knowledge and understanding*** : Explain how to multiply decimal numbers. ***Skill*** : Carry out multiplication of decimal numbers up to 3 decimal places. ***Attitude and value:*** Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 12: Division of decimal fractions	***Knowledge and understanding*** : Explain how to divide decimal numbers. ***Skill*** : Carry out division of decimal numbers up to 3 decimal places. ***Attitude and value:*** Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 13: Division of decimal fractions	***Knowledge and understanding*** : Explain how to divide decimal numbers. ***Skill*** : Carry out division of decimal numbers up to 3 decimal places. ***Attitude and value:*** Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 14: Division of decimal fractions	***Knowledge and understanding*** : Explain how to divide decimal numbers. ***Skill*** : Carry out division of decimal numbers up to 3 decimal places.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain)	

			Attitude and value: Develop personal confidence in the use of decimal numbers.		P5 Mathematics Learner's book (Sportligth)	
		LESSON 15: Multiplication and division of decimal fractions	*Knowledge and understanding* : Explain how to multiply and divide decimal numbers. *Skill* : Carry out multiplication or division of decimal numbers up to 3 decimal places. *Attitude and value:* Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 16: Multiplication and division of decimal fractions	*Knowledge and understanding* : Explain how to multiply and divide decimal numbers. *Skill* : Carry out multiplication or division of decimal numbers up to 3 decimal places. *Attitude and value:* Develop personal confidence in the use of decimal numbers.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 17: Problems involving multiplication and division of decimals	***Knowledge and understanding*** : Explain how to multiply and divide decimal numbers. ***Skill*** : Carry out multiplication or division of decimal numbers up to 3 decimal places. ***Attitude and value:*** Appreciate the importance of decimal fractions in comparing and sharing.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 18: Problems involving multiplication and division of decimals	***Knowledge and understanding*** : Explain how to multiply and divide decimal numbers. ***Skill*** : Carry out multiplication or division of decimal numbers up to 3 decimal places. ***Attitude and value:*** Appreciate the importance of decimal fractions in comparing and sharing.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 19: Problems involving multiplication and division of decimals	***Knowledge and understanding*** : Explain how to multiply and divide decimal numbers. ***Skill*** : Carry out multiplication or division of decimal numbers up to 3 decimal places. ***Attitude and value:*** Appreciate the importance of decimal fractions in comparing and sharing.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 20: Converting fractions to decimals	***Knowledge and understanding*** : Convert fractions to decimals. ***Skill*** : Apply decimal in solving daily life ***Attitude and value:*** Appreciate the importance of decimal fractions in	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain)	

			comparing and sharing.		P5 Mathematics Learner's book (Sportligth)	
		LESSON 21: Converting fractions to decimals	***Knowledge and understanding*** : Convert fractions to decimals. ***Skill*** : Apply decimal in solving daily life ***Attitude and value:*** Appreciate the importance of decimal fractions in comparing and sharing.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 22: Converting decimals to fractions	***Knowledge and understanding*** : Convert decimals to fractions. ***Skill*** : Apply decimal in solving daily life ***Attitude and value:*** Appreciate the importance of decimal fractions in comparing and sharing.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 23: Converting decimals to fractions	***Knowledge and understanding*** : Convert decimals to fractions. ***Skill*** : Apply decimal in solving daily life ***Attitude and value:*** Appreciate the importance of decimal fractions in comparing and sharing.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 24: Matching fractions to decimals	*Knowledge and understanding* : Match decimals to fractions. *Skill* : Apply decimal in solving daily life *Attitude and value:* Appreciate the importance of decimal fractions in comparing and sharing.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 25: Matching fractions to decimals	*Knowledge and understanding* : Match decimals to fractions. *Skill* : Apply decimal in solving daily life *Attitude and value:* Appreciate the importance of decimal fractions in comparing and sharing.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 26: assessment				
Week12 **25-29/** **11/2024**	UNIT 6: Application of direct proportions	Introduction to direct proportion	*Knowledge and understanding* : Explain the concept of direct proportions. *Skill* : Apply the knowledge of direct proportions in a practical context *Attitude and value:* Appreciate the importance of direct proportions in daily life.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 2: Problems involving direct proportion	*Knowledge and understanding* : Explain how to work a problems involving direct proportions. *Skill* : Apply the knowledge of direct proportionsin a practical context *Attitude and value:* Appreciate the importance of direct proportions in daily life.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 3: Problems involving direct proportion	*Knowledge and understanding* : Explain how to work a problems involving direct proportions. *Skill* : Apply the knowledge of direct proportionsin a practical context *Attitude and value:* Appreciate the importance of direct proportions in daily life.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 4: Problems involving direct proportion	*Knowledge and understanding* : Explain how to work a problems involving direct proportions. *Skill* : Apply the knowledge of direct proportionsin a practical context *Attitude and value:* Appreciate the importance of direct proportions in daily life.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 5: Problems involving direct proportion	*Knowledge and understanding* : Explain how to work a problems involving direct proportions. *Skill* : Apply the knowledge of direct proportionsin a practical context	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics	

			Attitude and value: Appreciate the importance of direct proportions in daily life.		Learner's book (Sportligth)	
		LESSON 6: Problems involving direct proportion	*Knowledge and understanding* : Explain how to work a problems involving direct proportions. *Skill* : Apply the knowledge of direct proportionsin a practical context *Attitude and value:* Appreciate the importance of direct proportions in daily life.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 7: Calculate numbers involving direct proportions	*Knowledge and understanding* : Explain how to work a problems involving direct proportions. *Skill* : Apply the knowledge of direct proportionsin a practical context *Attitude and value:* Appreciate the importance of direct proportions in daily life.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 8: Calculate numbers involving direct proportions	*Knowledge and understanding* : Explain how to work a problems involving direct proportions. *Skill* : Apply the knowledge of direct proportionsin a practical context *Attitude and value:* Appreciate the	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book	

			importance of direct proportions in daily life.		(Sportligth)	
Week 13 **2-4/12/** **2024**		LESSON 9: Calculate numbers involving direct proportions	***Knowledge and understanding*** : Explain how to work a problems involving direct proportions. ***Skill*** : Apply the knowledge of direct proportionsin a practical context ***Attitude and value:*** Appreciate the importance of direct proportions in daily life.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 10: Calculate numbers involving direct proportions	***Knowledge and understanding*** : Explain how to work a problems involving direct proportions. ***Skill*** : Apply the knowledge of direct proportionsin a practical context ***Attitude and value:*** Appreciate the importance of direct proportions in daily life.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 11: Assessment				

Week13 5-6/12/ 2025	**revision**	Revision				
Week14 9-13/12/ 2024	**examinations**	Examinations				
Week15 16-20/12/ 2024	**Marking and report**	Marking and report				
		TERM2: 06/01 - 04/04/2025				
Week1 6-10/01/ 2025	UNITY 7: Solving problems involving measurements of length, capacity and mass	LESSON 1: Finding number of intervals and number of objects on a closed line	***Knowledge and understanding*** : distinguish between the types of intervals. ***Skill:*** Calculate the number of intervals ***Attitude and value:*** Be confident and accurate in performing calculations.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 2: Finding number of intervals and number of objects on a closed line	***Knowledge and understanding*** : distinguish between the types of intervals. ***Skill:*** Calculate the number of intervals ***Attitude and value:*** Be confident and accurate in performing calculations.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
Week2 **13-17/** **01/2025**		LESSON 3: Finding number of intervals and number of objects on open line.	***Knowledge and understanding*** : Distinguish between the types of intervals. ***Skill:*** Calculate the number of intervals ***Attitude and value:*** Be confident and accurate in performing calculations.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 4: Finding number of intervals and number of objects on open line.	***Knowledge and understanding*** : Distinguish between the types of intervals. ***Skill:*** Calculate the number of intervals ***Attitude and value:*** Be confident and accurate in performing calculations.	Group work Individual	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 5: Problems involving inervals	**Knowledge and understanding** : Distinguish between the types of intervals. **Skill:** Apply the knowledge of length in solving problems involving intervals. **Attitude and value:** Show the spirit of tolerance.	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 6: Problems involving inervals	**Knowledge and understanding** : Distinguish between the types of intervals. **Skill:** Apply the knowledge of length in solving problems involving intervals. **Attitude and value:** Show the spirit of tolerance.	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 7: Problems involving inervals	**Knowledge and understanding** : Distinguish between the types of intervals. **Skill:** Apply the knowledge of length in solving problems involving intervals. **Attitude and value:** Show the spirit of tolerance.	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 8: Addition of unit of length, capacity and mass	*Knowledge and understanding* :Explain the use of length, capacity and mass in real life situations. *Skill:* Apply the knowledge of length in solving problems involving intervals. *Attitude and value:* Appreciate the importance of measurement of length, capacity and mass in daily life situations.	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 9: Addition of unit of length, capacity and mass	*Knowledge and understanding* :Explain the use of length, capacity and mass in real life situations. *Skill:* Apply the knowledge of length in solving problems involving intervals. *Attitude and value:* Appreciate the importance of measurement of length, capacity and mass in daily life situations.	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 10: Subtraction of unit of length, capacity and mass	*Knowledge and understanding* :Explain the use of length, capacity and mass in real life situations. *Skill:* Apply the knowledge of length in solving problems involving intervals. *Attitude and value:* Appreciate the importance of measurement of length, capacity and mass in daily life situations..	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

Week3 **20-24/** **01/2025**		LESSON 11: Problems involving unit of length	***Knowledge and understanding*** :Explain the use of length in real life situations. ***Skill:*** Solve problems involving length, capacity and mass. ***Attitude and value:*** Appreciate the importance of measurement of length in daily life situations.	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 12: Problems involving unit of capacity	***Knowledge and understanding*** :Explain the use of capacity in real life situations. ***Skill:*** Solve problems involving length, capacity and mass. ***Attitude and value:*** Appreciate the importance of measurement of capacity in daily life situations.	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 13: Problems involving unit of mass	***Knowledge and understanding*** :Explain the use of mass in real life situations. ***Skill:*** Solve problems involving length, capacity and mass. ***Attitude and value:*** Appreciate the importance of measurement of mass in daily life situations.	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 14: Assessment				

Week4 27-31/ 01/2025	UNITY 8: Solving problems involving time intervals	LESSON 1: Unit of time	*Knowledge and understanding* : Explain the various unit of time. *Skill:* Convert the measurement of time *Attitude and value:* Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 2: Converting unit of time from hours to minutes	*Knowledge and understanding* : Explain the various unit of time. *Skill:* Convert the measurement of time *Attitude and value:* Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 3: Converting unit of time from hours to minutes	*Knowledge and understanding* : Explain the various unit of time. *Skill:* Convert the measurement of time *Attitude and value:* Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 4: Converting minutes into secondes	*Knowledge and understanding* : Explain the various unit of time. *Skill:* Convert the measurement of time *Attitude and value:* Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain)	

					P5 Mathematics Learner's book (Sportligth)	
		LESSON 5: Converting minutes into secondes	**Knowledge and understanding** : Explain the various unit of time. **Skill:** Convert the measurement of time **Attitude and value:** Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's	
		LESSON 6: Converting hours into seconds	**Knowledge and understanding** : Explain the various unit of time. **Skill:** Convert the measurement of time **Attitude and value:** Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 7: Converting hours into secondes	**Knowledge and understanding** : Explain the various unit of time. **Skill:** Convert the measurement of time **Attitude and value:** Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 8: Converting hours into secondes	**Knowledge and understanding** : Explain the various unit of time. **Skill:** Convert the measurement of time **Attitude and value:** Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 9: Converting hours into days	**Knowledge and understanding** : Explain the various unit of time. **Skill:** Convert the measurement of time **Attitude and value:** Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 10: Converting hours into days	**Knowledge and understanding** : Explain the various unit of time. **Skill:** Convert the measurement of time **Attitude and value:** Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 11: Converting days into hours	**Knowledge and understanding** : Explain the various unit of time. **Skill:** Convert the measurement of time **Attitude and value:** Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain)	

					P5 Mathematics Learner's	
		LESSON 12: Converting days into hours	*Knowledge and understanding* : Explain the various unit of time. *Skill:* Convert the measurement of time *Attitude and value:* Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's	
Week5 3-7/02/ 2025		LESSON 13: Converting seconds into hours and minutes	*Knowledge and understanding* : Explain the various unit of time. *Skill:* Convert the measurement of time *Attitude and value:* Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's	
		LESSON 14: Converting seconds into hours minutes and days.	*Knowledge and understanding* : Explain the various unit of time. *Skill:* Convert the measurement of time *Attitude and value:* Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's	
		LESSON 15: Solving mathematical problems involving units of time	*Knowledge and understanding* : Explain the various unit of time. *Skill:* Convert the measurement of time *Attitude and value:* Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's	

					Book(Fountain) P5 Mathematics Learner's	
		LESSON 16: Solving mathematical problems involving units of time	*Knowledge and understanding* : Explain the various unit of time. *Skill:* Convert the measurement of time *Attitude and value:* Show the spirit of hard work	Group work	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's	
		LESSON 17: Assessment				
Week6 10-14/ 02/2025	UNITY 9: Money and its financial applications	LESSON 1: Simple budgeting	*Knowledge and understanding* :State rhe role of money in our lives. *Skill:* Explain the reasons for setting priorities while using money *Attitude and value:* Appreciate the importance of money in our daily life	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 2: source of money	*Knowledge and understanding* :Identify the source of money. *Skill:* Describe the source of money and state the roles of money. *Attitude and value:* Appreciate the importance of money in our daily life	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 3: Uses of money and role of money in our life	**Knowledge and understanding** :State rhe role of money in our lives. **Skill:** Describe the source of money and state the roles of money. **Attitude and value:** Appreciate the importance of money in our daily life	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 4: Budgeting what comes in and what goes out and setting priorities	**Knowledge and understanding** : Explain budgeting and how to set priorities. **Skill:** Explain the reasons for setting priorities while using money **Attitude and value:** Appreciate the importance of money in our daily life	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 5: Various ways to transfer money: ATM,CHEQUE and CASH	**Knowledge and understanding** :State various ways to tranferring money. **Skill:** Explain the reasons for setting priorities while using money **Attitude and value:** Appreciate the importance of money in our daily life	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 6: Various ways to transfer money: MONEY TRANSFER and A USING MOBILE	**Knowledge and understanding** :State various ways to tranferring money. **Skill:** Explain the reasons for setting priorities while using money	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain)	

		PHONE	**Attitude and value:** Appreciate the importance of money in our daily life		P5 Mathematics Learner's book (Sportligth)	
		LESSON 7: Saving and borrowing money	**Knowledge and understanding** : Explain the importance of saving and borrowing. **Skill:** Explain the importance of saving **Attitude and value:** Be confident and accurate when using money	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 8: Saving and borrowing money	**Knowledge and understanding** : Explain the importance of saving and borrowing. **Skill:** Explain the importance of saving **Attitude and value:** Be confident and accurate when using money	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 9: Different currencies and converting currencies in practical contexts (USD money into Rwandan Francs and vice verse	**Knowledge and understanding** : Explain that there are different currencies and give examples. **Skill:** *Convert currencies in a prctical context* **Attitude and value:** Be confident and accurate when using money	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON10: Different currencies and converting currencies in practical contexts (USD money into Rwandan Francs	***Knowledge and understanding*** : Explain that there are different currencies and give examples. ***Skill:*** *Convert currencies in a prctical context* ***Attitude and value:*** Be confident and accurate when using money	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		and vic verse) LESSON 11: Different currencies and converting currencies in practical contexts (Euros into Rwandan Francs and	***Knowledge and understanding*** : Explain that there are different currencies and give examples. ***Skill:*** *Convert currencies in a prctical context* ***Attitude and value:*** Be confident and accurate when using money	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		vic verse) LESSON 12: Different currencies and converting currencies in practical contexts (Euros into Rwandan Francs and vic verse)	***Knowledge and understanding*** : Explain that there are different currencies and give examples. ***Skill:*** *Convert currencies in a prctical context* ***Attitude and value:*** Be confident and accurate when using money	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 13: Different currencies and converting currencies in practical contexts (Kenyan Shillings and Ugandan Shillings into Rwandan Francs and vice verse)	***Knowledge and understanding*** : Explain that there are different currencies and give examples. ***Skill:*** *Convert currencies in a prctical context* ***Attitude and value:*** Be confident and accurate when using money	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 14: Different currencies and converting currencies in practical contexts (Kenyan Shillings and Ugandan Shillings into Rwandan	***Knowledge and understanding*** : Explain that there are different currencies and give examples. ***Skill:*** *Convert currencies in a prctical context* ***Attitude and value:*** Be confident and accurate when using money	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 15: Assessment				
Week7 17-21/ 02/2025	UNIT 10: Sequences that include hole numbers, fractions and decimals	LESSON 1: Sequences on whole numbers	***Knowledge and understanding*** : Explain how to order whole numbers acording to their size in increasing order. ***Skill:*** Explain how sequences are worked out. ***Attitude and value:*** Appreciate the importance of orderliness when writing number patterns.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 2: Sequences on whole numbers	**Knowledge and understanding** : Explainhow to order whole numbers acording to their size in increasing order. **Skill:** Explain how sequences are worked out. **Attitude and value:** Appreciate the importance of orderliness when writing number patterns.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 3: Increasing number patterns	**Knowledge and understanding** : Explainhow to order whole numbers acording to their size in increasing order. **Skill:** Explain how sequences are worked out. **Attitude and value:** Appreciate the importance of orderliness when writing number patterns.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 4: Increasing number patterns	**Knowledge and understanding** : Explainhow to order whole numbers acording to their size in increasing order. **Skill:** Explain how sequences are worked out. **Attitude and value:** Appreciate the importance of orderliness when writing number patterns.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 5: decreasing number patterns	**Knowledge and understanding** : Explain how to order whole numbers acording to their size in decreasing order. **Skill:** Explain how sequences are worked out. **Attitude and value:** Appreciate the importance of orderliness when writing number patterns.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 6: descending whole number patterns	**Knowledge and understanding** : Show the patterns used. **Skill:** Describe how whole numbers are arranged in different patterns. **Attitude and value:** Appreciate the spirit of hard work and self confidence	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 7: Sequences on fractions	**Knowledge and understanding** : Show the patterns used. **Skill:** Describe how fractions are arranged in different patterns. **Attitude and value:** Appreciate the spirit of hard work and self confidence	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 8: Ascending order	**Knowledge and understanding** : Show the patterns used. **Skill:** Describe how fractions are arranged in different patterns. **Attitude and value:** Appreciate the spirit of hard work and self confidene	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics	

					Learner's book (Sportligth)	
		LESSON 9: Descending order	***Knowledge and understanding*** : Show the patterns used. ***Skill:*** Describe how fractions are arranged in different patterns. ***Attitude and value:*** Appreciate the spirit of hard work and self confidene	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 10: Sequence with regular changing difference	***Knowledge and understanding*** : Show the patterns used. ***Skill:*** Explain how sequences are worked out. ***Attitude and value:*** Appreciate the spirit of hard work and self confidene	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 11: Sequence with regulary changing difference	***Knowledge and understanding*** : Show the patterns used. ***Skill:*** Explain how sequences are worked out. ***Attitude and value:*** Appreciate the spirit of hard work and self confidene	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

Week8 24-28/ 02/2025		LESSON 12: Sequence on decimals	*Knowledge and understanding* : Show the patterns used. *Skill:* Explain how sequences are worked out. *Attitude and value:* Appreciate the spirit of hard work and self confidene	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 13: Sequence on decimals	*Knowledge and understanding* : Show the patterns used. *Skill:* Explain how sequences are worked out. *Attitude and value:* Appreciate the spirit of hard work and self confidene	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 14: Sequence where each difference is one greater than the one before	*Knowledge and understanding* : Show the patterns used. *Skill:* Explain how sequences are worked out. *Attitude and value:* Appreciate the spirit of hard work and self confidene	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 15: Sequence where each difference is one greater than the one before	**Knowledge and understanding** : Show the patterns used. **Skill:** Explain how sequences are worked out. **Attitude and value:** Appreciate the spirit of hard work and self confidene	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 16: Mixed sequences	**Knowledge and understanding** : Show the patterns used. **Skill:** Explain how sequences are worked out. **Attitude and value:** Appreciate the spirit of hard work and self confidene	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 17: Mixed sequences	**Knowledge and understanding** : Show the patterns used. **Skill:** Explain how sequences are worked out. **Attitude and value:** Appreciate the spirit of hard work and self confidene	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 18: Assessment				

Week9 3-7/03 /2025	UNIT 11: Drawing and constructing of angles	LESSON 1: Drawing and constructing angles	*Knowledge and understanding* : Describe the process of drawing angles and the process of constructing angles using a ruler and a pair of compasses. *Skill:* Construct angles using a ruler and a pair of compasses. *Attitude and value:* Appreciate the importance and use of lines and angles in daily life and in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 2: Drawing and constructing angles	*Knowledge and understanding* : Describe the process of drawing angles and the process of constructing angles using a ruler and a pair of compasses. *Skill:* Construct angles using a ruler and a pair of compasses. *Attitude and value:* Appreciate the importance and use of lines and angles in daily life and in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 3: Angle properties of parallel lines	*Knowledge and understanding* : Explain the concept of parallel lines. *Skill:* Construct angles using a ruler and a pair of compasses. *Attitude and value:* Appreciate the importance and use of lines and angles in daily life and in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 4: Angle properties of parallel lines	***Knowledge and understanding*** : Explain the concept of parallel lines. ***Skill:*** Construct angles using a ruler and a pair of compasses. ***Attitude and value:*** Appreciate the importance and use of lines and angles in daily life and in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 5: Angle properties of perpendicular lines	***Knowledge and understanding*** : Explain the concept of perpendicular lines. ***Skill:*** Construct angles using a ruler and a pair of compasses. ***Attitude and value:*** Appreciate the importance and use of lines and angles in daily life and in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 6: Angle properties of perpendicular lines	***Knowledge and understanding*** : Explain the concept of perpendicular lines. ***Skill:*** Construct angles using a ruler and a pair of compasses. ***Attitude and value:*** Appreciate the importance and use of lines and angles in daily life and in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 7: Angle formed by intersecting lines	***Knowledge and understanding*** : Explain the concept of intersecting lines. ***Skill:*** Construct angles using a ruler and a pair of compasses. ***Attitude and value:*** Appreciate the	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain)	

			importance and use of lines and angles in daily life and in drawing.		P5 Mathematics Learner's book (Sportligth)	
		LESSON 8: Angle formed by intersecting lines	*Knowledge and understanding* : Explain the concept of intersecting lines. *Skill:* Construct angles using a ruler and a pair of compasses. *Attitude and value:* Appreciate the importance and use of lines and angles in daily life and in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 9: Bisection of angles	*Knowledge and understanding* : Explain the concept of intersecting lines. *Skill:* Carry out and explain the process of bisection of an angle using a ruler and a compass. *Attitude and value:* Bisection of angles (using folding)	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 10: Bisection of angles	*Knowledge and understanding* : Explain the concept of intersecting lines. *Skill:* Carry out and explain the process of bisection of an angle using a ruler and a compass. *Attitude and value:* Bisection of angles	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain)	

			(using folding)		P5 Mathematics Learner's book (Sportligth)	
		LESSON 11: Constructing an angles using a pair of compasses and ruler	***Knowledge and understanding*** : Describe the process of drawing angles and the process of constructing angles using a ruler and a pair of compasses. ***Skill:*** Construct angles using a ruler and a pair of compasses. ***Attitude and value:*** Demonstrate confidence and accuracy in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 12: Constructing an angles using a pair of compasses and ruler	***Knowledge and understanding*** : Describe the process of drawing angles and the process of constructing angles using a ruler and a pair of compasses. ***Skill:*** Construct angles using a ruler and a pair of compasses. ***Attitude and value:*** Demonstrate confidence and accuracy in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
Week10 10-14 /03/2025		LESSON 13: Angle sum of a triangle	***Knowledge and understanding*** : Describe the process of drawing angles and the process of constructing angles using a ruler and a pair of compasses. ***Skill:*** Find the angle sum of a triangle ***Attitude and value:*** Demonstrate	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain)	

			confidence and accuracy in drawing.		P5 Mathematics Learner's book (Sportligth)	
		LESSON 14: Mathematical problems on angles	***Knowledge and understanding*** : Explain how to solve problems involving angles. ***Skill:*** Apply the knowledge of constructing angles in solving mathematical problems in daily situations. ***Attitude and value:*** Demonstrate confidence and accuracy in drawing. Show respect to one another and show the spirit of torelence when working with others.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 15: Find the angle sum of a triangle	***Knowledge and understanding*** : Describe the process of drawing angles and the process of constructing angles using a ruler and a pair of compasses. ***Skill:*** Find the angle sum of a triangle ***Attitude and value:*** Demonstrate confidence and accuracy in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

Week11 17-19/3/ 2025		LESSON 16: Find the angle sum of a triangle	**Knowledge and understanding** : Describe the process of drawing angles and the process of constructing angles using a ruler and a pair of compasses. **Skill:** Find the angle sum of a triangle **Attitude and value:** Demonstrate confidence and accuracy in drawing.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 17: Assessment				
Week11 20-21/ 03/2025	revision	revision				
Week12 24-28/ 03/2025	examinations	Examination of term2				
Week13 31/03- 4/04/2025	**Marking and school report**	Marking and school report				
		TERM3 : 21/04 to 27/06/2025				

Week1 21-25 /04/2025	UNIT 12: Interpreting and contructing scale drawings	LESSON 1: Measuring distance on the ground	*Knowledge and understanding* : Explain how to find the actual distance on the ground. *Skill:* Calculate the actual distance on the ground. *Attitude and value:* Show respect to one another in discussions.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 2: Making a scale	*Knowledge and understanding* : Explain the concept of scale. *Skill:* Find the distance represented on a map *Attitude and value:* Show respect to one another in discussions.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 3: Constructing scale drawing	*Knowledge and understanding* : Explain the concept of scale drawing. *Skill:* Find the distance represented on a map *Attitude and value:* Appreciate the importance of scale drawing in daily life.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

Week2 **28/04-** **2/05/2025**		LESSON 4: Finding the actual distance on the ground	***Knowledge and understanding*** : Explain how to find the actual distance on the ground. ***Skill:*** Calculate the actual distance on the ground. ***Attitude and value:*** Show respect to one another in discussions.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 5: Mathematical problems involving scale drawings	***Knowledge and understanding*** : Use of scale drawing in solving mathematical problems involving measurement. ***Skill:*** Solving problems involving scale drawings. ***Attitude and value:*** Be confident and accurate when calculating scale.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 6: Assessment				
Week3 **5-9/05/2025**	UNIT 13: Culculating circumference of a circle and volume of cuboids and cubes.	LESSON 1: Culculating the circumference of circle	***Knowledge and understanding*** : Explain the concept of circumference. ***Skill:*** Practically explain the value of Pi (through measuring lengths of the perimeter/circumference of a circle). ***Attitude and value:*** Appreciate the importance of circumference in daily life.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

| | | LESSON 2: Culculating the circumference of circle | **Knowledge and understanding** : Explain the concept of circumference.
Skill: Practically explain the value of Pi (through measuring lengths of the perimeter/circumference of a circle).
Attitude and value: Appreciate the importance of circumference in daily life. | Group work
Discussio n | Mathematics Syllabus for upper primary P4-P6
P5 Mathematics Learner's Book(Fountain)
P5 Mathematics Learner's book (Sportligth) | |

| | | LESSON 3: Properties of cubes and cuboids | **Knowledge and understanding** : Establish the relationship between cubes and cuboids.
Skill: Distinguish cube from cuboid
Attitude and value: Promote teamwork spirit, cooperation mutual respect bad tolerance in discussions. | Group work
Discussio n | Mathematics Syllabus for upper primary P4-P6
P5 Mathematics Learner's Book(Fountain)
P5 Mathematics Learner's book (Sportligth) | |
| **Week4**
12-16/
05/2025 | | LESSON 4: Culculating the volume of cubes and cuboids | **Knowledge and understanding** : Explain how to find the volume of cubes or cuboids
Skill : Solve problems related to the volume of cubes and cuboids.
Attitude and value: Appreciate the importance of volume in daily life. | Group work
Discussio n | Mathematics Syllabus for upper primary P4-P6
P5 Mathematics Learner's Book(Fountain)
P5 Mathematics Learner's book (Sportligth) | |

		LESSON 5: Culculating the volume of cubes and cuboids	**Knowledge and understanding** : Explain how to find the volume of cubes or cuboids **Skill** : Solve problems related to the volume of cubes and cuboids. **Attitude and value:** Appreciate the importance of volume in daily life.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 6: Assessment				
Week5 **19-23/** **05/2025**	UNIT 14: Statistics	LESSON 1: Devise a question or hypotheses requires data for its resolution	**Knowledge and understanding** : Distinguish between continuous and discrete data. **Skill** : Decide on what data to collect to answer a question. **Attitude and value:** Appreciate that data can be used to answer questions or explore hypotheses and that the representation of data should aid interpretation	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 2: Collect data	**Knowledge and understanding** : Distinguish between continuous and discrete data. **Skill** : Decide on what data to collect to answer a question. **Attitude and value:** Appreciate that data can be used to answer questions or explore hypotheses and that the representation of data should aid interpretation	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

Week6 26-30/ 05/2025		LESSON 3: Record data in tables and represent as a bar chart	*Knowledge and understanding* : Explain that bar charts should have gaps between the bars. *Skill* : Decide on what data to collect to answer a question. *Attitude and value:* Appreciate that data can be used to answer questions or explore hypotheses and that the representation of	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 4: Interpret bar charts and line graphs	data should aid interpretation *Knowledge and understanding* :Explain that line graphs represent data over time *Skill* : Interpret representations of data to draw conclusions *Attitude and value:* Adopt a systematic and organized approach to dealing with data	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON5: Assessment				

Week7 2-6/06/ 2025	UNIT 15: Probability	LESSON 1: Vocabulary of chance (impossible, certain ,equally, likely, evens)	*Knowledge and understanding* :Explain that random events have different likelihoods of occurring and recognize associated vocabulary. *Skill* : Use the vocabulary of likelihood to compare events. *Attitude and value:* Appreciate that random events can not be predicted.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	

		LESSON 2: Vocabulary of chance (chance, evens, chance, unlikely and likely)	*Knowledge and understanding* :Explain that random events have different likelihoods of occurring and recognize associated vocabulary. *Skill* : Use the vocabulary of likelihood to compare events. *Attitude and value:* Appreciate that random events can not be predicted.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
Week 8 **9-11/6/** **2025**		LESSON 3: Conduct experiments to decide how likely something is to happen	*Knowledge and understanding* :Explain that random events have different likelihoods of occurring and recognize associated vocabulary. *Skill* : Conduct experiments and record outcomes systematically. *Attitude and value:* Take care to record experiments accurately.	Group work Discussio n	Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth)	
		LESSON 5: Assessment				
Week8 **12-13/** **06/2025**	**REVISION**					
Week9 **16-20/06** **/2025**	**EXAMS**					
Week10 **23-27/** **06/2025**	**Marking and school report**					