NYAMASHEKE DISTRICT

SCHEME OF WORK/ P5 MATHEMATICS

Academic year: 2023-2024 SChool: …………………………………………… Subject: MATHEMATICS

Teacher' s name: …………………………………………………………….. Class:P5 NUMBER OF PERIODS PER WEEK:……..

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| TERM 1 |
| Dates | Unit title | Lesson title + Evaluation | Learning Objectives (Copied or adapted from the syllabus) + Key unit competence | Teaching methodology & techniqu es | Resources and references  | Observatio n |
| WEEK125-29/9/2023 | 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 (Sportligth) |  |
|  |  | 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 (Sportligth) |  |
|  |  | 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 (Sportligth) |  |
|  |  | 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 Discussio n | Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth) |  |
|  |  | 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 Discussio n | Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth) |  |
|  |  | 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 Discussio n | Mathematics Syllabus for upper primary P4-P6 P5 Mathematics Learner's Book(Fountain) P5 Mathematics Learner's book (Sportligth) |  |

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|  |  | LESSON 7: Addition of 3 or more whole numbers of 7digits without carring | *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 importane of addition 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) |  |
| WEEK202-06/10/2023 |  | LESSON 8: Addition of 3 or more whole numbers of 7digits without carring | *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 importane of addition 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 9: Addition of 3 or more whole numbers of 7digits without carring | *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 importane of addition 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 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 importane of subtraction 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 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 importane of subtraction 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 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 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 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 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) |  |

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|  |  | 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 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) |  |
| WEEK309-13/10/2023 |  | 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 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 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 Discussio n | 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) |  |

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|  |  | 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) |  |
| WEEK416-20/10/2023 |  | LESSON 22: Assessment |  |  |  |  |
|  | Unit 2: ADDITION AND SUBTRACTION 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 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 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 itegers 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) |  |

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|  |  | LESSON 6: Addition of itegers 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) |  |
| WEEK523-27/10/2023 |  | LESSON 7: Subtraction of itegers using number line | *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 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) |  |
|  |  | 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) |  |

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|  |  | 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) |  |
| WEEK630/10/-03/11/2023 |  | 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 |  |  |  |  |
|  | 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) |  |

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| WEEK7:06- 10/11/2023 |  | 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) |  |
|  |  | 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) |  |

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| WEEK813-17/11/2023 |  | 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 testfor 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) |  |

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| WEEK 9:20-24/11/2023 | 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 frations indaily 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) |  |
| WEEK 10:27/11/-01/12/2023 |  | 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 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) |  |

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|  |  | 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 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) |  |
| WEEK 1104-08/12/2023 | REVISION |
| WEEK 12 &1311-22/12/2023 | EXAMS  |
| TERM 2 |

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| Week 1 08-12/01/2024  |  | 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 *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 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) |  |

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| Week 2 15-19/01/2024 |  | 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 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 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 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 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) |  |

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|  |  | 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. *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) |  |
| Week 3 22-26/01/2024  |  | 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  | 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 | 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 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 |  |  |  |  |
|  | 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) |  |

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|  |  | 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) |  |
| Week 4 29/01-02/02/2024 |  | 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. *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 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) |  |
|  |  | 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) |  |

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|  |  | 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) |  |
| Week 5 05-09/02/2024 |  | 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. *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 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) |  |

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|  |  | 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) |  |
| Week 6 12-16/02/2024  |  | 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 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 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) |  |

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| Week 7 19-23/02/2024  |  | 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:  |  |  |  |  |
|  | UNIT 6: Application of direct proportions | AssessmentLESSON 1: Introduction to direct proportion | *Knowledge and understanding* : Explain the concept of 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 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 *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) |  |
| Week 8 26/02/-01/03/2024  |  | 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) |  |

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|  |  | 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 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 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 |  |  |  |  |
|  | 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) |  |
| Week 9 04-08/03/2024  |  | 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) |  |

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|  |  | 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) |  |
| Week 10 11-15/03/2024  |  | 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) |  |

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|  |  | 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 |  |  |  |  |
|  | 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) |  |
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| Week 11 &12   18-29/03/2024 | EXAMS |
| THIRD TERM 2023-2024 |
| Week 1 15-19/04/2024  |  | 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  |  |

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|  |  | LESSON 6: 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 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  |  |
|  | UNITY 8: Solving problems involving time intervals | 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 |  |  |  |  |
|  | 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) |  |
| Week 2 22-26/04/2024  |  | 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 PHONE | *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 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  | *Knowledge and understanding* : Explain that there are different currencies and give examples. *Skill:* C*onvert 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)

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|  |  | 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:* C*onvert 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:* C*onvert 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:* C*onvert 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) |  |
| Week 3 29/04/-03/05/2024 |  | LESSON 13: Different currencies and converting currencies in practical contexts (Kenyan Shillings and Ugandan Shillings into Rwandan Francs and vic verse) | *Knowledge and understanding* : Explain that there are different currencies and give examples. *Skill:* C*onvert 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:* C*onvert 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 |  |  |  |  |
|  | UNIT 10: Sequences that include hole numbers, fractions and decimals | LESSON 1: 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 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) |  |

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|  |  | 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) |  |
| Week 4 06-10/05/2024 |  | 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 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 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 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 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 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) |  |

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|  |  | 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) |  |
|  |  | 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) |  |
| Week 5 13-17/05/2024 |  | 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 |  |  |  |  |

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|  | 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) |  |
| Week 6 20-24/05/2024 |  | 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 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 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) |  |

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|  |  | 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 (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 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) |  |
| Week 7: 27-31/05/2024 |  | 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 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 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) |  |

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|  |  | LESSON 16: Find 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 |  |  |  |  |
|  | 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) |  |
| Week 8: 03-07/06/2024 |  | 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 draings. *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 |  |  |  |  |
|  | UNIT 13: Culculating circumferenc e of a circle and volume of cuboides 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) |  |

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|  |  | LESSON 3: Propertis 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 abd 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) |  |
|  |  | LESSON 4: Culculating the volume of cubes and cuboids | *Knowledge and understanding* : Explain how to find the volue 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 volue 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 |  |  |  |  |
|  | UNIT 14: Statistics | LESSON 1: Devise a question or hypotheses requires data for its resolution | *Knowledge and understanding* : Distinguish between continous 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) |  |
| Week 9: 10-14/06/2024 |  | LESSON 2: Collect data | *Knowledge and understanding* : Distinguish between continous 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 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 organised 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) |  |
|  |  | LESSON 5: Assessment |  |  |  |  |

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|  | UNIT 15: Probability | LESSON 1: Vocabularyof chance (impossible, certain,equally,likely,e vens) | *Knowledge and understanding* :Explain that random events have different likelihoods of occurring and recognise 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: Vocabularyof chance (chance, evens, chance, unlikely and likely) | *Knowledge and understanding* :Explain that random events have different likelihoods of occurring and recognise 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 3: Conduct experiments todecide how likely something is to happen | *Knowledge and understanding* :Explain that random events have different likelihoods of occurring and recognise associated vocabulary. *Skill* : Conduct experiments and record outcomes systematically. *Attitude and value:* Take care to record experments 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 |  |  |  |  |
| Week 10 17-21/06/2024  | REVISION |
| Week 11 &12 24/06/-05/07/2024 | EXAMS  |