***REPUBLIC OF RWANDA***

***MINEDUC***

***NYAMSHEKE DISTRICT***

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|  ***FORMAT OF UNIT PLAN/SCHEME OF WORK MATHEMATICS 2023-2024*** |

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| ***SCHOOL NAME:*** |  |
| ***SUBJECT:*** | ***Mathematics*** |
| ***CLASS:*** | ***Primary three P3*** |
| ***TEACHER’S NAME:*** |  |

 **FIRST TERM [25 SEP-22 DEC]/2023**

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| **Week& dates** | **Unit title** | **Content(lessons)and evaluation** | **Resources &references** | **Learners ‘activities** | **observation** |
| **Week 1:****25-29/09/2023** | **UNIT 1 :Whole numbers from 0 up to 2000** | -count, read and write whole numbers from 0-2000-place value of each digit for numbers from 0-2000-comparing two numbers less than or equal to 2000 | Mathematics (primary learner’s book year 3 | Try to count, read ,compare, arrange, and addition of numbers from 0-2000. |  |
| **Week 2: 02-06/10/2023** | **UNIT 1 :Whole numbers from 0 up to 2000** | -arranging numbers within 2000 in ascending and descending order-addition of numbers whose sum does not exceed 2000( WITHOUT AND WITH CARRYINHG) | Mathematics (primary learner’s book year 3 | Try to count, read ,compare, arrange, and addition of numbers from 0-2000 |  |
| **Week 3****09-13/10/2023** | **UNIT 1 :Whole numbers from 0 up to 2000** | -word problems involving numbers whose sum does not exceed 2000-subtraction within the range of 2000 (without borrowing) - subtraction within the range of 2000 (with borrowing)-solve problems involving subtraction in real life situation -multiplication table of 7,8 and 9 -multiples of 7,8 and 9 -Multiply a 2 or 3 digit number by 7,8 and 9 where the product does not exceed 2000 | Mathematics (primary learner’s book year 3 | Subtract ,multiply ,and solving problems of numbers less than 2000 |  |
| **WEEK 4:****16-20/10/2023** | **UNIT 1:** **Whole numbers from 0 up to 200** | -word problems involving the multiplication of 7,8 and 9- multiply a 3-digit number by a 2-digit number where the product does not exceed 2000-Multiply numbers by 100 and 1000 where the product does not exceed 2000-division without a remainder of a 4- digit number by 1-digit number-word problems on division without remainder  | Mathematics (primary learner’s book year 3 | Divide, multiply and doing multiplication by 7,8 and 9By using multiplication tables |  |
| **Week 5:****23-27/10/2023** | **UNIT 2:****Whole numbers from 0 up to 5000** | -Read whole numbers from 0 up to 5000-Write whole numbers from 0 up to 5000-Place value of digits in the numbers from 0 up to 5000- Comparing two numbers less than or equal to 5000 | Mathematics (primary learner’s book year 3 | Count, read, write, comparing and state the place value of numbers less than 5000 |  |
| **Week 6:****30/10-03/11/2023** | **UNIT 2:****Whole numbers from 0 up to 500** | -Arrange numbers between 2000 and 5000 in ascending or descending order-addition of numbers whose sum does not exceed 5000 ( without and with carrying) | Mathematics (primary learner’s book year 3 | Add and arrange numbers less than 5000 |  |
| **Week 7:****06-10/11/2023** | **UNIT 2:Whole numbers from 0 up to 500** | -word problems involving the addition of numbers whose highest sum is 5000-subtraction of numbers within the range of 5000 | Mathematics (primary learner’s book year 3 | Subtract ,multiply ,and solve problems  |  |
| **Week 8:****13-17/11/2023** | **UNIT 2:****Whole numbers from 0 up to 500** | -solve problems involving subtraction in real life situations-Multiplication of whole numbers by 9 and the multiples of 9 | Mathematics (primary learner’s book year 3 | Multiply and solve problems  |  |
| **WEEK 9:****20-24/11/2023** | **UNIT 2: Whole numbers from 0 up to 500** | -multiply a three digit number by a 2-digit number where the product does not exceed 5000 | Mathematics (primary learner’s book year 3 | Multiply and solve problems  |  |
| **WEEK 10:****27/11-01/12/2023** | **UNIT 2: Whole numbers from 0 up to 500** | -word problems involving the multiplication of a 3-digit number by a 2-digit number where the product does not exceed 5000.-multiply numbers by 100 and 1000 where the product does not exceed 5000 Division without a remainder of a 4-digit number by a 1-digit number not exceeding 5000-Word problems of division without remainder | Mathematics (primary learner’s book year 3 | Multiply and solve problems  |  |
| **Week 11:****04-08/12/2023** | **REVISION** |  |
| **Week 12:****11-15/12/2023** | **EXAMINATION PERIOD** |  |
| **Week 13:****18-22/12/2023** |  **MARKING AND SCHOOL REPORT** |  |

 **SECOND TERM [08 JAN-29 MAR]/2024**

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| **Week& dates** | **Unit title** | **Content(lessons)and evaluation** | **Resources &references** | **Learners’ activities** | **observation** |
| **Week 1****08-12/01/2024** | **UNIT 3:Whole numbers from 0 up to 10 000** | -count, read and write whole numbers from 0-10 000-place value of digits in the numbers from 0 up to 10 000-comparing two numbers less than or equal to 10 000-arrange numbers within 10 000 in ascending or descending order-addition of numbers whose sum does not exceed 10 000 | Mathematics (primary pupils book year 3 | Count ,read ,write  |  |
| **Week 2****15-19/01/2024** | **UNIT 3:Whole numbers from 0 up to 1000** | -word problems involving addition of numbers where the sum does not exceed 10 000-subtraction of numbers within the range of 10 000-solve problems involving subtraction in real life situation | Mathematics (primary pupils book year 3 | Add and subtract |  |
| **Week 3****22-26/01/2024** | **UNIT 3:Whole numbers from 0 up to 1000** | -multiply a 3-digit number by a 2-digit number where the product does not exceed 10 000-Multiply numbers by 100 and 1000 with the product not exceeding 10 000 | Mathematics (primary learner’s book year 3 | multiply |  |
| **UNIT 3:Whole numbers from 0 up to 1000** | -Division without a remainder of a 4-digit number by a 1-digit numberword problems of division without remainder | Mathematics (primary learner’s book year 3 | Divide and soSolve problem |  |
| **Week 4:****29/01-02/02/2024** | **UNIT 4:****Fractions having a denominator less than or equal to 10** | -reading and writing fractions not exceeding a whole and having a denominator less than or equal to 10-shading fractions not exceeding a whole and having a denominator less than or equal to 10 | Mathematics (primary pupils book year 3 | Read and write fraction |  |
| **Week 5:****05-09/02/2024** | **Unit 4** **Fractions having a denominator less than or equal to 10** | -parts of a fraction-comparing fractions having common denominators less than or equal to 10 but not exceeding a whole.-Ordering fractions having common denominators less than or equal to 10 but not exceeding a whole-Addition of fractions not exceeding a whole and having common denominator not exceeding 10-word problems involving addition of fractions having common denominators less than or equal to 10-Subtraction of fraction not exceeding a whole and having common denominators less than or equal to 10-world problems involving subtraction of fractions- Finding the complement of a fraction for forming a unit fraction - Fractions of a whole number- Word problem involving fractions of a whole number-importance of fractions | Mathematics (primary pupils book year 3 | -Read and write fraction -Order fraction -Add fractions |  |
| **Week 6:****12-16/02/2024** | **UNIT 5****The relationship between Length measurements** | -Length measurements-The relationship between length measurements -converting length measurements -comparing length measurements-comparing length of an object referring to the number of times and the distance-ordering length measurements-Addition of length measurements-word problems on addition -subtraction of length measurements-word problems-multiplication of length measurements by a whole number Dividing length measurements by a whole number -word problems | Mathematics (primary pupils book year3 | Read, write, convert, compare, add, subtract, multiply and divide |  |
| **Week 7:****19-23/02/2024** | **UNIT 6****Mass measurements** | -Relationship between mass measurements-writing mass measurements from kg to g-Converting mass measurements-Comparing mass measurements -Ordering mass measurements-addition and subtraction of mass measurements- word problems on addition and subtraction of mass measurements-multiplication of mass measurements with a whole number-Dividing mass measurements from kg to g with a whole number-word problems involving division  | Mathematics (primary pupils book year3 | Read, write, convert, compare, add, subtract, multiply and divide |  |
| **Week 8:****26/02-01/03/2024**  | **UNIT :7 capacity measurements** | -Reading and writing capacity measurements -converting capacity measurements -comparing capacity measurements-Addition and subtraction of capacity measurements-word problems involving addition and subtraction of capacities-multiplication of units of capacity per a whole number | Mathematics (primary pupils book year 3 | Read, write, convert ,compare ,add, subtract ,multiply and divide |  |
| **Week 9:****04-08/03/2024** | **UNIT :7 capacity measurements.** | -word problems involving multiplication of capacities per a number of times-division of capacity of measurements by a number -word problems involving the division of capacity measurements by a whole number-importance of capacity measurements | Mathematics (primary pupils book year 3. | Read, write, convert ,compare ,add, subtract ,multiply and divide. |  |
| **Week 10:****11-15/03/2024** |  **REVISION**  |  |
| **Week 11:****18-22/03/2024** | EXAMINATION PERIOD |  |
| **Week 12:****25-29/03/2024**  | **MARKING AND SCHOOL REPORT** |  |

 **THIRD TERM [15 APR-05 JUL]/2024**

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| **Week& dates** | **Unit title** | **Content(lessons)and evaluation** | **Resources &references** | **Learner’s activities** | **observation** |
| **Week 1:****15-19/04/2024** | **UNIT 8:****Rwanda currency from 1F up 5000 F** | Characteristics and values of Rwandan currency from 1F up to 5000F-Importance of money-changing Rwandan currency from 1frw up to 5000frw-word problems involving the change of Rwandan currency from 1frw up to 5000 frw-world problems involving addition of Rwandan currency -world problems involving subtraction of Rwandan currency Word problems involving multiplication and division of Rwandan currency-buying and selling -importance of saving -small income generating projects | Mathematics (primary pupils book year 3 | Change Rwandan currencySolve word problem |  |
| **Week 2:****22-26/04/2024** | **UNIT 9****TIME MEASUREMENTS** | -Reading and telling time shown on a clock face-Reading and writing the time shown on the clock face- use of a calendar-ordinary year and a leap year-converting years into months-converting weeks into days -converting days to hours  | Mathematics (primary pupils book year 3 | Read and tell the timeUse a calendar  |  |
| **Week 3:****29/04-03/05/2024** | **UNIT 10****TYPES OF LINES AND ANGLES** | -Straight lines-parallel lines-Intersecting lines with a right angle-intersecting lines with acute and obtuse angles  | Mathematics (primary pupils book year 3 | Identify the types of line |  |
| **UNIT 10****Right angle** | -Acute angle -obtuse angle-use a protractor to measure any angle-comparing angles (acute angle and the right | Mathematics (primary pupils book year 3 | Name types of triangle |  |
| **Week 4:****06-10/05/2024** | UNIT 11SQUARE ,RECTANGLE ,TRIANGLE AND CIRCLE | **The square****-**Properties of a square-Perimeter of a square | Mathematics (primary pupils book year 3 | Find the perimeter of a square |  |
| UNIT 11SQUARE ,RECTANGLE ,TRIANGLE AND CIRCLE | --**The rectangle****-**Properties of a rectangle-Perimeter of a rectangle  | Mathematics (primary pupils book year 3 | Finding perimeter of a rectangle  |  |
| **Week 5:****13-17/05/2024** | UNIT 11SQUARE ,RECTANGLE ,TRIANGLE AND CIRCLE | **The triangle** **-**Properties of a triangle-Types of triangle-Equilateral triangle-isosceles triangle-a right angled triangle - scalene triangle  | Mathematics (primary pupils book year 3 | Identify types of triangle and their properties |  |
| **Week 6:****20-24/05/2024** | UNIT 11SQUARE ,RECTANGLE ,TRIANGLE AND CIRCLE | **Circle** **-**Properties of a circle | Mathematics (primary pupils book year 3 | Identify properties of a circle |  |
| **Week 7:****27-31/05/2024** | **UNIT 12****GRID****FINDING MISSING NUMBERS IN ADDITION,SUBTRACTION ,MULTIPLICATION AND DIVISION**  | -Properties of a grid-locating a point on a grid -Plotting and joining points to form shapes on a grid-Rectangle on a grid -Triangle on a grid  | Mathematics (primary pupils book year 3 | Identify properties of a grid Locate point on grid |  |
| **Week 8:****03-07/06/2024** | **UNIT 13****GRID****FINDING MISSING NUMBERS IN ADDITION,SUBTRACTION ,MULTIPLICATION AND DIVISION**  | -Finding missing numbers in addition -Finding missing numbers in subtraction-Finding missing number in multiplication -Finding missing numbers in division-The concept of equation -equation involving addition and subtraction | Mathematics (primary pupils book year 3 | Identify properties of a grid Locate point on grid. |  |
| **Week 9: 10-14/06/2024** | **UNIT 14****Pictographs** | -number of objects on a pictograph-representation of objects on a pictograph-drawing a pictograph. | Mathematics (primary pupils book 3 | Draw a pictographyFind the number of objects |  |
| **Week 10:****17-21/06/2024** | **GENERAL REVISION** |  |
| **Week 11: 24-28/06/2024** | EXAMINATION PERIOD |  |
| **Week 12:****01-05/07/2024** | MARKING AND SCHOOL REPORT |  |