***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 9  By 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 number  word problems of division without remainder | Mathematics (primary learner’s book year 3 | Divide and so  Solve 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 currency  Solve 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 time  Use 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 11  SQUARE ,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 11  SQUARE ,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 11  SQUARE ,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 11  SQUARE ,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 pictography  Find 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 | | | |  |