| GRADE 2 | BUILD YOUR OWN MATH SYLLABUS | |
|----------|---|--------------|
| Lesson # | Topic | # of Lessons |
| | Quarter I | |
| 1 | Logic: Chains. | 1 |
| 2 | Logic: Chains. Transformation of chains. | 1 |
| 3 | Geometry: Point. Straight and curved lines. | 1 |
| 4 | Geometry: Intersecting and parallel lines. | 1 |
| 5 | Addition and subtraction of two-digit numbers using the column method | 1 |
| 6 | Addition of two-digit numbers using column method: 21 + 9. | 1 |
| 7 | Addition of two-digit numbers using column method: 21 + 39. | 1 |
| 8 | Subtraction of two-digit numbers using column method: 40 – 8, 40 – 28. | 1 |
| 9 | Addition of two-digit numbers by regrouping: 36 + 7, 36 + 17. | 1 |
| 10 | Addition of two-digit numbers by decomposition: 18 + 5, 18 + 25. | 1 |
| 11 | Subtraction of two-digit numbers with regrouping: 32 – 5, 32 – 15. | 1 |
| 12 | Mental arithmetic techniques Addition and subtraction of two digit numbers. Solving problems | 1 |
| 13 | Addition and subtraction of two-digit numbers. Solving problems. Review. | 1 |
| 14 | Hundreds Place Value | 1 |
| 15 | Meters. Measurement. Units. | 1 |
| 16 | Notation of three-digit numbers with zero in the tens place: 204. | 1 |
| 17 | Notation of three-digit numbers with zero in the ones place: 240. | 1 |
| 18 | Comparison of three-digit numbers Addition and subtraction of three digit numbers, 261 + 124 | 1 |
| 19 | Addition and subtraction of three-digit numbers: 261 + 124, 372 – 162. | 1 |
| 20 | Addition of three-digit numbers: 204 + 138, 162 + 153. | 1 |
| 21 | Addition of three-digit numbers: 167 + 45 + 308. | 1 |
| 22 | Subtraction of three-digit numbers: 243 – 114, 316 – 152. | 1 |
| 23 | Subtraction of three-digit numbers with regrouping: 231 – 145. | 1 |
| 24 25 | Subtraction of three-digit numbers with regrouping: 300 – 156. Review. Solving problems. | 1 |
| 25 | Quarter I Total | 25 |
| | Quarter 1 Total | 23 |
| | Quarter II | |
| 26 | Operations | 1 |
| 27 | Inverse operations | 1 |
| 28 | Geometry: Line. Ray. Line segment. | 1 |
| 29 | Computer Science: Algorithms and programs. | 1 |
| 30 | Solving problems | 1 |
| 31 | Geometry: Polyline length. Perimeter. | 1 |
| 32 | Expressions | 1 |
| 33 | Order of operations in expressions Computer Science: Decision algorithms | 1 |
| 34 35 | Computer Science: Decision algorithms. Geometry: Right angle. Solving problems. | 1 |
| 36 | Properties of addition: Commutative and associative. | 1 |
| 37 | Subtracting a sum from a number | 1 |
| 38 | Subtracting a number from a sum | 1 |
| 39 | Geometry: Rectangles and squares. | 1 |
| 40 | Geometry: Area of figures. Units of area. | 1 |
| 41 | Geometry: Rectangular parallelepiped. | 1 |
| 42 | Multiplication | 1 |
| 43 | The parts of multiplication Multipliers, Solving problems | 1 |
| 44 45 | Multipliers. Solving problems. Geometry: Area of a rectangle. | 1 |
| 46 | Geometry: Area of a rectangle. Geometry: Area of a rectangle. Solving problems. | 1 |
| 47 | Multiplication by 0 and 1 | 1 |
| 48 | Multiplication table | 1 |
| 49 | Multiplication table for 2 | 1 |
| 50 | Multiplication. Solving problems. | 1 |
| | | |

III,

Quarter II Total

25

| | Quarter III | |
|--|--|---------------------------------------|
| 51 | Division | 1 |
| 52 | Components of division | 1 |
| 53 | Division with 0 and 1 | 1 |
| 54 | Relationship between multiplication and division | 1 |
| 55 | Solving problems | 1 |
| 56 | Types of division | 1 |
| 57 | Multiplication table for 3 | 1 |
| 58 | Geometry: Types of angles. | 1 |
| 59 | Review. Solving problems. | 1 |
| 60 | Equations of the form $ax = b$, $a \div x = b$, $x \div a = b$. | 1 |
| 61 | Multiplication table for 4 | 1 |
| 62 | Equations. Solving problems. | 1 |
| 63 | The order of operations in expressions | 1 |
| 64 | Multiplication table for 5 | 1 |
| 65 | Increase and decrease several times | 1 |
| 66 | Solving problems of increasing and decreasing several times | 1 |
| 67 | Multiplication table for 6 | 1 |
| 68 | Multiplicative comparison | 1 |
| 69 | Multiplicative comparison. Solving problems. | 1 |
| 70 | Multiplication table for 7 | 1 |
| 71 | Geometry: Circle. | 1 |
| 72 | Solving problems | 1 |
| 73 | Multiplication and division tables for 8 and 9 | 1 |
| 74 | Thousands place value | 1 |
| 75 | Thousands place value: Solving problems. | 1 |
| | Quarter III Total | 25 |
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| | Oueston IV | |
| 76 | Quarter IV Geometry: 3D volumes, Volume units. | 1 |
| 76 77 | Geometry: 3D volumes. Volume units. | 1 |
| 77 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 | 1 |
| 77 78 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems | 1 |
| 77 78 79 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties | 1 1 1 |
| 77 78 79 80 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers | 1 |
| 77 78 79 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties | 1 1 1 1 |
| 77 78 79 80 81 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers | 1 1 1 1 |
| 77 78 79 80 81 82 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. | 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Division of round numbers. Solving problems. | 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number | 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 88 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number Dividing a sum by a number. Solving problems. | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 88 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number Dividing a sum by a number. Solving problems. Division of two-digit numbers | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number Dividing a sum by a number. Solving problems. Division of two-digit numbers. Division of two-digit numbers. Solving problems. | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number. Solving problems. Division of two-digit numbers. Division of two-digit numbers. Solving problems. Division with remainders | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number Dividing a sum by a number. Solving problems. Division of two-digit numbers Division of two-digit numbers. Solving problems. Division with remainders. Division with remainders. Part 2. | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number Dividing a sum by a number. Solving problems. Division of two-digit numbers Division of two-digit numbers. Solving problems. Division with remainders Division with remainders. Part 2. Geometry: Lines, networks, and paths. | |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number Dividing a sum by a number. Solving problems. Division of two-digit numbers. Division of two-digit numbers. Solving problems. Division with remainders Division with remainders. Part 2. Geometry: Lines, networks, and paths. Tree diagrams | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number Dividing a sum by a number. Solving problems. Division of two-digit numbers Division of two-digit numbers. Solving problems. Division with remainders Division with remainders. Part 2. Geometry: Lines, networks, and paths. Tree diagrams Solving problems | |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number. Solving problems. Division of two-digit numbers Division of two-digit numbers. Solving problems. Division with remainders Division with remainders. Part 2. Geometry: Lines, networks, and paths. Tree diagrams Solving problems Grade 2 Review. Part 1. | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number. Solving problems. Division of two-digit numbers Division of two-digit numbers. Solving problems. Division with remainders Division with remainders. Part 2. Geometry: Lines, networks, and paths. Tree diagrams Solving problems Grade 2 Review. Part 1. Grade 2 Review. Part 2. | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number Dividing a sum by a number. Solving problems. Division of two-digit numbers. Division of two-digit numbers. Solving problems. Division with remainders Division with remainders. Part 2. Geometry: Lines, networks, and paths. Tree diagrams Solving problems Grade 2 Review. Part 1. Grade 2 Review. Part 3. Grade 2 Review. Part 4. Grade 2 Review. Part 5. | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | Geometry: 3D volumes. Volume units. Multiplication and division by 10 and 100 Solving problems Multiplication properties Multiplication of round numbers Multiplication of round numbers. Solving problems. Division of round numbers. Solving problems. Division of round numbers. Solving problems. Multiplication of a sum by a number Units of length Solving problems Dividing a sum by a number. Solving problems. Division of two-digit numbers. Solving problems. Division of two-digit numbers. Solving problems. Division with remainders Division with remainders. Part 2. Geometry: Lines, networks, and paths. Tree diagrams Solving problems Grade 2 Review. Part 1. Grade 2 Review. Part 2. Grade 2 Review. Part 3. Grade 2 Review. Part 4. | |

