

PRIMARY MATHEMATICS

full digital interactive program

Grades 1 - 6.



TABLE OF CONTENTS

PRIMARY MATHEMATICS

1A

1. Count and Compare Numbers

1. Numbers
2. Numbers and Numerals
3. The Number Line
4. How Many Altogether?
5. More Than, Fewer Than
6. Equal to
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned Draw

2. Numbers 0–5

1. Numbers 0 and 1
2. Numbers 2 and 3
3. Numbers 4 and 5
4. Comparing Numbers
5. Equal to
6. Addition
7. Addition on a Number Line
8. Subtraction
9. Subtracting on a Number Line
10. Practice Subtraction
11. Revise Addition and Subtraction
12. Commutative Property
 - Focus!
 - Work Together
 - Try These at Home • Let's Play!
 - What I've Learned • Draw

3. Numbers 6–10

1. Numbers 6 and 7
2. Find the Missing Number
3. Counting Money - Addition
4. Relating Addition and Subtraction
5. Numbers 8 and 9
6. Comparing Numbers
7. Add Three Numbers
8. Number 10
9. Practice Addition
10. Two-Step Subtraction
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

4. Geometry and Measurement

1. Shapes and Objects in Three dimensions
2. Three-Dimensional Shapes
3. Two-Dimensional Shapes
4. Draw Two-Dimensional Shapes
5. Build and Draw
6. Double and Half
7. Measure Length
8. Points and Line Segments
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

PRIMARY MATHEMATICS

1B

1. Numbers up to 20

1. Numbers
2. Numbers and Numerals
3. Comparing Numbers
4. Ordinal Numbers
5. Odd and Even Numbers
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

2. Telling Time

1. The Clock Face
2. Time to the Hour
3. Time to the Half Hour
4. Earlier or Later
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

3. Addition with Numbers up to 20

1. Add on to 10
2. Add to 10 First
3. Add to a Two-Digit Number
4. Add to 10 First (from 8 or 9)
5. Add to 10 First (from 6 or 7)
6. Commutative Property
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

4. Subtraction with Numbers up to 20

1. Subtracting from a Two-Digit Number
2. Subtract to 10 First
3. Practice Subtracting to 10 first
4. Revise Addition and Subtraction
5. Word Problems
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

5. Mathematics and Money

1. Coins and Notes
2. Estimate the Price
3. How Much Altogether?
4. How Much Is Left?
5. Compare Prices
6. Storytelling
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

6. Numbers up to 100

1. Place Value
2. Number Sequences
3. Compare Numbers
4. Apply What You Know
5. Adding Tens
6. Addition with Numbers 20–99
7. Subtracting Tens
8. Subtraction with Numbers 20–99
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

PRIMARY MATHEMATICS

2A

1. Numbers up to 20

1. Ones and Tens
2. Comparing Numbers on a Number Line
3. Addition
4. Practice Addition
5. Subtraction
6. Practice Subtraction
7. Practice Addition and Subtraction
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

2. Numbers up to 100

1. Number Sequences
2. Odd and Even Numbers
3. Adding Two-Digit Numbers
4. Practice Addition
5. Subtracting Two-Digit Numbers
6. Practice Subtraction
7. Compare Numbers
8. Word Problems
9. Counting Coins
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

3. Multiplication

1. Relating Addition and Multiplication
2. Picture Multiplication
3. Word Problems
4. Multiplying by 2
5. Practice Multiplying by 2
6. Multiplying by 4
7. Practice Multiplying by 4
8. Multiplying by 5
9. Practice Multiplying by 5
10. Multiplying by 10
11. Multiplying by 3
12. Practice Multiplying by 3
13. Practice Multiplications
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

4. Geometry and Measurement

1. Three-Dimensional Shapes
2. Perspective
3. Two-Dimensional Shapes
4. Geometric Terms
5. Measure Length
6. Perimeter
7. Area
8. Symmetry
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

PRIMARY MATHEMATICS

2B

1. Measurement

1. Time to the Hour and the Half Hour
2. 15 Minutes
3. Elapsed Time
4. To and Past
5. Length
6. Millimeters and Centimeters
7. Meters
8. Kilometers
9. Mass
10. Grams and Kilograms
11. Volume
12. Liters and Deciliters
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

2. Multiplication and Division

1. Revise Multiplying by 2 and 4
2. Revise Multiplying by 5 and 10
3. Revise Multiplying by 3
4. Divide Equally
5. Partitive Division
6. Quotative Division
7. Half, a Quarter and a Third
8. Divide into Equal Parts
9. Remember?
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

3. Numbers up to 1 000

1. Hundreds
2. Hundreds and Tens
3. Hundreds, Tens and Ones
4. Number Sequences
5. The Number Line
6. Comparing Numbers
7. Adding Hundreds
8. Adding Tens
9. Adding Ones
10. Subtracting Hundreds
11. Subtracting Tens
12. Subtracting Ones
13. The Standard Algorithm of Addition
14. The Standard Algorithm of Subtraction
15. Euros and Cents
 - Focus!
 - Work Together
 - Try These at Home
 - Let's Play!
 - What I've Learned
 - Draw

4. Investigate and Experiment

1. Dividing into Equal Parts
2. Folding Paper
3. Throwing Dice
4. Math Problems

PRIMARY MATHEMATICS

3A

1. Addition and Subtraction with Numbers up to 100

1. Place Value
2. Tens
3. Composing Tens
4. Subtraction with Numbers up to 100
5. Decomposing Tens
6. Sum and Difference
 - Read and Solve
 - Math Problems
 - Let's Play
 - Try These at Home
 - What I've Learned
 - Draw

2. Multiplication

1. Revise Multiplication Tables
2. Commutative Property
3. Multiplying by 6
4. Multiplying by 7
5. Multiplying by 8
6. Multiplying by 9
7. Order of Operations
 - Read and Solve
 - Math Problems
 - Let's Play
 - Try These at Home
 - What I've Learned
 - Draw

3. Division

1. Partitive Division
2. Dividing by 2–5
3. Dividing by 6–10
4. Relating Multiplication and Division
5. Quotative Division
6. The Fraction Bar
7. Division with Remainders
8. Practice Division with Remainders
 - Read and Solve
 - Math Project
 - Let's Play
 - What I've Learned
 - Draw

4. Numbers up to 1 000

1. Hundreds, Tens and Ones
2. Number Sequences
3. Comparing Numbers on a Number Line
4. Partitioning Numbers up to 1 000
5. Addition with Numbers up to 1 000
6. Adding Numbers with Three Digits
7. Composing Hundreds
8. Subtraction with Numbers up to 1 000
9. Subtracting Numbers with Three Digits
10. Decomposing Hundreds
11. The Standard Algorithm of Addition
12. Addition with Regrouping
13. The Standard Algorithm of Subtraction
14. Subtraction with Regrouping
15. Subtraction Across Zeros
 - Read and Solve
 - Math Project
 - Let's Play
 - Try These at Home
 - What I've Learned
 - Draw

5. Geometry

1. Three-Dimensional Shapes
2. Triangles
3. Quadrilaterals
4. Symmetry
5. Perimeter
6. Area
 - Read and Solve
 - Math Project
 - Let's Play
 - Try These at Home
 - What I've Learned
 - Draw
 - Math Problems
38. Angles

PRIMARY MATHEMATICS

3B

1. Measurement

1. 24 Hours
2. Minutes
3. Elapsed Time
4. Units of Length
5. Add and Subtract Lengths
6. Kilometers and Meters
7. Mass
8. Kilograms and Grams
9. Volume
10. Liters and Deciliters
 - Read and Solve
 - Math Project
 - Let's Play
 - Try These at Home
 - What I've Learned
 - Draw

2. Fractions and Decimals

1. Dividing into Equal Parts
2. Fractions
3. Writing a Fraction
4. Fractions on a Number Line
5. Adding Fractions
6. Subtracting Fractions
7. Equal Parts of a Whole
8. Fractions of a Group
9. From Fractions to Decimals
10. Decimal Numbers
11. Applying Decimal Numbers
12. Decimal Numbers and Money
 - Read and Solve
 - Math Project
 - Let's Play
 - Try These at Home
 - What I've Learned
 - Draw

3. Multiplication with large numbers

1. Multiply by 10 and 100
2. Multiply by tens and hundreds
3. Multiplying a Two-Digit Number
4. Multiplying Large Numbers

5. Long Multiplication
6. Multiplication with Regrouping
7. Practice Regrouping
 - Read and Solve
 - Math Problems
 - Let's Play
 - Try These at Home
 - What I've Learned
 - Draw

4. Numbers up to 10 000

1. Ten Thousand
2. Thousands
3. Thousands and Hundreds
4. Thousands, Hundreds and Tens
5. Thousands, Hundreds, Tens and Ones
6. Compare Numbers
 - Read and Solve
 - Math Project
 - Let's Play
 - Try These at Home
 - What I've Learned
 - Draw

5. Addition and Subtraction with Numbers up to 10 000

1. Partitioning Numbers up to 10 000
2. Adding Hundreds
3. Addition with Numbers up to 10 000
4. Subtracting Hundreds
5. Subtraction with Numbers up to 10 000
6. The Standard Algorithm of Addition
7. The Standard Algorithm of Subtraction
8. Subtraction Across Zeros
 - Read and Solve
 - Math Project
 - Let's Play
 - Try These at Home
 - What I've Learned
 - Draw
 - Math Problems

PRIMARY MATHEMATICS

4A

1. Addition and Subtraction within 10 000

1. Addition and Subtraction within 10 000
2. Numbers up to 10 000
3. Partitioning Numbers up to 10 000
4. Approximation
5. Rounding
6. Revise Addition
7. Decompose Numbers for Addition
8. Revise Subtraction
9. Decompose Numbers for Subtraction
 - Focus
 - What I've Learned?
 - Draw

2. Ten Thousands, Hundred Thousands and Millions

1. Ten Thousands, Hundred Thousands and Millions
2. Ten Thousands
3. Compare Numbers
4. Rounding
5. Subtracting Ten, Hundred, Thousand and Ten thousand
6. The Standard Algorithm of Addition
7. The Standard Algorithm of Subtraction
8. Subtraction Across Zeros
9. Hundred Thousands
10. Millions
11. Examining Millions
12. Adding and Subtracting Millions
 - Focus
 - What I've Learned?
 - Draw

3. Multiplication and Division

1. Multiplication and Division
2. Revising Multiplication
3. Order of Operations and Parentheses
4. Relating Multiplication and Division
5. Quotative Division
6. Division with Remainders
7. Order of Operations and Parentheses 2
8. Solve Math Problems with a Calculator
 - Focus
 - What I've Learned?
 - Draw

4. Multiplying Large Numbers

1. Multiplying Large Numbers
2. Multiplying by 10, 100 and 1 000
3. Multiplying Numbers Ending with Zero
4. Multiplying Tens and Hundreds
5. Multiplying a Two-Digit Number
6. Multiplying Three Factors
7. Multiplying Large Numbers
8. Long Multiplication
9. Multiplication with Regrouping
 - Focus
 - What I've Learned
 - Draw

5. Geometry

1. Geometry
2. Three-dimensional Shapes
3. From Three Dimensions to Two Dimensions
4. Point, Line and Line Segment
5. Angles
6. Polygons
7. Tangram
8. Perimeter
9. Area
10. Coordinate Plane
 - Focus
 - What I've Learned
 - Draw

PRIMARY MATHEMATICS

4B

1. Measurement

1. Years and Ages
2. Days and Months
3. Millimetres, Centimetres and Metres
4. Decimetres
5. Metres and Kilometres
6. Grams and Kilograms
7. Kilograms and Tonnes
8. Decilitres and Litres
9. Millilitres and Centilitres
- Apply What You Know
- Focus
- What I've Learned
- Draw

2. Dividing Large Numbers

1. Relating Division and Multiplication
2. Division with Remainders
3. Short Division
4. Short Division with Remainders
5. Short Division with Carrying
6. Long Division
7. Practice Long Division
8. Zeros in the Quotient
9. Long Division with Remainders
10. Division Word Problems
- Focus
- What I've Learned
- Draw

3. Fractions

1. Fractions
2. Fractions as Division
3. From Fractions to Mixed Numbers
4. Compare Fractions
5. Adding and Subtracting Fractions
6. Adding Mixed Numbers
7. Subtracting Mixed Numbers
8. Subtracting Mixed Numbers with Regrouping
- Apply What You Know
- Focus
- What I've Learned
- Draw

4. Decimals

1. From Fractions to Decimals
2. Tenths
3. Number Sequences: Tenths
4. Hundredths
5. Number Sequences: Hundredths
6. Rounding Decimals
7. Paying in Cash
8. Adding Tenths
9. Adding Hundredths
10. Subtracting Tenths
11. Subtracting Hundredths
- Apply What You Know
- Focus
- What I've Learned
- Draw

5. Real-life Math

1. Time Usage
2. Waste Disposal
3. Forest Trees
4. The Cost of a Burger
5. Regular Patterns
6. Building a Birdhouse

PRIMARY MATHEMATICS

5A

1. Place Value

1. Place Value
2. Revise Place Value
3. Multiply and Divide Numbers that End with Zero
4. Comparing Tens of Thousands on a Number Line
5. Partitioning Numbers up to 100 000
6. Tens of Millions
7. Large Numbers on a Number Line
8. Partitioning Numbers between 100 000 and 10 000 000
 - [Apply What You Know](#)
 - [Focus](#)
 - [What I've Learned?](#)

2. Large Numbers and Negative Numbers

1. Large Numbers and Negative Numbers
2. Revise Addition and Subtraction
3. Adding Whole Numbers
4. Subtracting Whole Numbers
5. Addition and Subtraction on a Number Line
6. Count Millions
7. Standard Algorithms of Addition and Subtraction
8. Applying Addition and Subtraction Skills
9. The Celsius Scale of Temperature
10. Negative Numbers on a Number Line
 - [Apply Negative Numbers](#)
 - [Focus](#)
 - [What I've Learned?](#)

3. Decimal Place Value

1. Revise Decimal Place Value
2. Decimal Place Value
3. Decimals on a Number Line
4. Rounding Decimals
5. Money
6. Adding Decimals
7. Adding Decimals Using the Standard Algorithm
8. Practice Adding Decimals
9. Subtracting Decimals
10. Subtracting Decimals Using the Standard Algorithm
11. Practice Subtracting Decimals
12. Multiplying Decimals by 10, 100 and 1 000
13. Dividing Decimals by 10, 100 and 1 000
14. Multiplying Decimals
15. Dividing Decimals
 - [Focus](#)
 - [What I've Learned?](#)

4. Geometry

1. Geometry
2. Three-Dimensional Shapes
3. Properties of Three-Dimensional Shapes
4. Angles
5. Quadrilaterals and Triangles
6. Area and Perimeter
7. The Area of a Parallelogram
8. The Area of a Triangle
9. Ratio and Similarity
10. Scale
11. Reflection and Rotation
12. Circle
 - [Focus](#)
 - [What I've Learned?](#)

PRIMARY MATHEMATICS

5B

1. Multiplication and Division

1. Multiplying and Dividing
2. Multiplying Two-digit Numbers
3. Multiplication and Place Value
4. Order of Operations
5. Long Multiplication
6. Multipliers with Two Digits
7. Short Division
8. Adding Zeros when Dividing Decimals
9. Long Division
10. Applying Multiplication and Division Skills
11. Applying the Order of Operations
 - [Focus](#)
 - [What I've Learned](#)

2. Fractions and Percentages

1. Fractions and Mixed Numbers
2. Divisibility
3. Simplifying Fractions
4. Adding and Subtracting Fractions with the Same Denominator
5. Least Common Denominator
6. Adding and Subtracting Fractions with Different Denominators
7. Multiplying Fractions by Integers
8. Finding a Fraction of an Amount
9. Dividing Fractions by Whole Numbers
10. Applying Fractions
11. Converting Between Decimals and Fractions
12. Percentages
 - [Focus](#)
 - [What I've Learned](#)

3. Time and Measurement

1. Calculating Time
2. Units of Time
3. Elapsed Time
4. Units of Length
5. Adding and Subtracting Lengths
6. Units of Mass
7. Units of Volume
8. Applying Units of Measurement
9. Area
10. Find an Area
 - [Focus](#)
 - [What I've Learned](#)

4. Statistics

1. Interpreting Timetables
2. Interpreting Tables
3. Coordinate Plane
4. Practice on the Coordinate Plane
5. Bar Charts and Line Graphs
6. Use Bar Charts and Line Graphs
7. Pie Charts
8. Probability
9. Mean
10. Median and Mode
 - [Focus](#)
 - [What I've Learned](#)

PRIMARY MATHEMATICS

6A

1. Basic Operations

1. Basic Operations
2. Place Value
3. Rounding
4. Solving Word Problems
5. Adding and Subtracting Decimal Numbers
6. Divisibility
7. Relating Multiplication and Division
8. Dividing and Multiplying Decimals by a Whole Number
9. Dividing Decimals and Adding Zeros
10. Multiplying Decimals
11. Solve Word Problems: Multiplying Decimals
12. Unit Price
 - Focus
 - What I've Learned?

2. Fractions, Decimals and Percentages

1. Fractions, Decimals and Percentages
2. Fraction, Decimal and Percentage
3. Percentage
4. Find simple percentages
5. Apply percentages
6. Common denominator
7. Adding and Subtracting Fractions
8. Adding and Subtracting Mixed Numbers
9. Multiplying Fractions
10. Dividing Fractions by Whole Numbers
11. Finding a Percentage
12. Revise and Apply
 - Focus
 - What I've Learned?

3. Integers and Mental Math Strategies

1. Integers and Mental Math Strategies
2. Integers on a Number Line
3. Applying Integers
4. Everyday Negative Integers
5. Multiply and Divide by 1 000, 100, 10 and 0,1
6. Multiplication and Division Strategies
7. The Distributive Law
8. Quotative Division
9. Multiply and Divide by 5, 50 and 500
10. Converting Currency
11. Solving Word Problems
12. Solving Word Problems 2
 - Focus
 - What I've Learned?

4. Statistics

1. Statistics
2. Four Quadrants of the Coordinate Plane
3. Write and Graph Coordinates
4. Write Probabilities as Fractions and Percentages
5. Pie Charts
6. Mean
7. Median, Mode and Range
8. Bar Graphs
9. Work with Bar Graphs
10. Histogram
11. Line Graphs
12. Apply Statistics
 - Focus
 - What I've Learned?

PRIMARY MATHEMATICS

6B

1. Algebraic Thinking

1. Inverse Operations
2. Multiplication and Division Strategies 1
3. Multiplication and Division Strategies 2
4. Equations
5. Solve Equations
6. Word Problems and Writing Equations
7. Logical Reasoning
8. Number Lines and Codes
9. Programing Spreadsheets
10. Dependent Variables
11. Cost Calculation Spreadsheets
12. Area and Exponents
13. Exponent
14. Apply
 - Focus
 - What I've Learned

2. Geometry and Measurement

1. Circle
2. Symmetry and Mirroring
3. Measuring Angles
4. Drawing Angles and Polygons
5. Rotations and Translations
6. Scale Drawing
7. Converting Units of Mass and Length
8. Perimeter and Area
9. The Area of Parallelograms and Triangles
10. Units of Area
11. Three-Dimensional Shapes
12. The Volume of a Cuboid
13. Units of Volume
14. Litre
 - Focus
 - What I've Learned

3. Revision

1. Order of Operations
2. Apply the Order of Operations
3. Place Value of Large Numbers
4. Place Value of Decimals
5. Relating Fractions and Percentages
6. Discount Percentage
7. Apply Percentages
8. Short Division
9. The Standard Algorithm and Decimals
10. Multiplying Decimals
11. Relating the Basic Operations
12. Units of Time
13. Elapsed Time
14. Solve Math Problems
 - Focus
 - What I've Learned