

# Unlimited Worksheets & Tests w/ Automatic Grading N Tracking

## BONUS Curriculum eBook (PDF Lessons)

# Comprehensive Math Curriculum

## Course Contents (3<sup>rd</sup> Grade Math)

### COURSE NAME: 3RD GRADE MATH

#### 1. Basic Number Sense

- 1.1 The Numbering System and Place Value
- 1.2 Ways to Name Numbers
- 1.3 Number Forms
- 1.4 Defining and Grouping Whole Numbers
- 1.5 Reading and Writing Whole Numbers
- 1.6 Number Combinations
- 1.7 Comparing Numbers
- 1.8 Ordering Numbers
- 1.9 Even and Odd Numbers
- 1.10 Rounding Numbers
- 1.11 Word Problems

#### 2. Addition

- 2.1 Review of Addition
- 2.2 Properties of Addition
- 2.3 Adding a 2-digit Number and a 2-digit Number
- 2.4 Adding a 3-digit Number and a 2-digit Number
- 2.5 Adding a 4-digit Number and a 2-digit Number
- 2.6 Adding a 5-digit Number and a 2-digit Number
- 2.7 Adding a 3-digit Number and a 3-digit Number
- 2.8 Adding a 4-digit Number and a 3-digit Number
- 2.9 Adding a 5-digit Number and a 3-digit Number
- 2.10 Adding a 5-digit Number and a 4-digit Number
- 2.11 Estimating a Sum by Rounding
- 2.12 Adding 3 Number Sets

#### 3. Subtraction

- 3.1 Review of Subtraction
- 3.2 Subtraction in Relation to Addition
- 3.3 Properties of Subtraction
- 3.4 Subtracting a 1-digit Number from a 2-digit Number
- 3.5 Subtraction Involving Borrowed Numbers
- 3.6 Subtracting a 2-digit Number from a 2-digit Number
- 3.7 Subtracting a 2-digit Number from a 3-digit Number
- 3.8 Subtracting a 2-digit Number from a 4-digit Number
- 3.9 Subtracting a 3-digit Number from a 3-digit Number
- 3.10 Subtracting a 3-digit Number from a 4-digit Number
- 3.11 Subtracting a 4-digit Number from a 4-digit Number
- 3.12 Estimating Subtraction with Large Numbers

#### 4. Multiplication

- 4.1 Multiplication in Relation to Addition
- 4.2 Properties of Multiplication
- 4.3 Multiplication Table
- 4.4 Multiplication Tricks
- 4.5 Multiplying a 1-digit Number and a 1-digit Number
- 4.6 Multiplying a 2-digit Number and a 1-digit Number
- 4.7 Multiplying a 3-digit Number and a 1-digit Number
- 4.8 Multiplying a 2-digit Number and a 2-digit Number
- 4.9 Multiplying a 3-digit Number and a 2-digit Number
- 4.10 Multiplication with Three Numbers

#### 5. Division

- 5.1 Division Facts and Terms
- 5.2 Division in Relation to Subtraction
- 5.3 Division in Relation to Multiplication
- 5.4 Basic Properties of Division
- 5.5 Division Tables
- 5.6 Dividing Using the Division Bracket
- 5.7 Division with a Remainder
- 5.8 Dividing a 1-digit Number by a 1-digit Number
- 5.9 Dividing a 2-digit Number by a 1-digit Number

#### 8. Math Operations Using a Calculator

- 8.1 Introduction to Calculators
- 8.2 Solving Addition Problems using a Calculator
- 8.3 Adding Large Numbers using a Calculator
- 8.4 Adding Three Sets of Numbers using a Calculator
- 8.5 Adding Decimal Numbers using a Calculator
- 8.6 Solving Subtraction Problems using a Calculator
- 8.7 Subtracting Decimal Numbers using a Calculator
- 8.8 Solving Multiplication Problems using a Calculator
- 8.9 Solving Division Problems using a Calculator

#### 9. Basic Graphs

- 9.1 Introduction to Graphs
- 9.2 Circle Graphs
- 9.3 Creating Circle Graphs
- 9.4 Interpreting Circle Graphs
- 9.5 Bar Graphs
- 9.6 Creating Bar Graphs
- 9.7 Interpreting Bar Graphs

#### 10. Time and Money

- 10.1 Review of Time
- 10.2 Telling Time
- 10.3 Converting Digital and Analog Time
- 10.4 Converting Time
- 10.5 Adding Different Units of Time
- 10.6 Finding Elapsed Time
- 10.7 Adding Elapsed Time
- 10.8 Counting Money
- 10.9 Converting Money into Decimal Form
- 10.10 Comparing Money
- 10.11 Making Change

#### 11. Measurements

- 11.1 Systems of Measurement
- 11.2 Weight
- 11.3 Temperature
- 11.4 Length
- 11.5 Measuring Length
- 11.6 Perimeter
- 11.7 Area
- 11.8 Volume

#### 12. Algebra

- 12.1 Numeric Expressions and Equations
- 12.2 Number Comparisons using Symbols
- 12.3 Completing Number Sentences with Addition
- 12.4 Comparing Number Expressions with Addition
- 12.5 Completing Number Sentences with Subtraction
- 12.6 Comparing Number Expressions with Subtraction
- 12.7 Patterns using Shapes and Symbols
- 12.8 Number Patterns using Addition and Subtraction
- 12.9 Number Patterns using Multiplication and Division
- 12.10 Unknown Variables in Mathematical Equations
- 12.11 The Number Line

#### 13. Geometry

- 13.1 Basic Geometry Review
- 13.2 Points, Lines and Line Segments
- 13.3 Measuring Line Segments
- 13.4 Parallel, Intersecting and Perpendicular Lines
- 13.5 Angles
- 13.6 Triangles
- 13.7 Quadrilaterals

# Comprehensive Math Curriculum

## Course Contents (3<sup>rd</sup> Grade Conti...)

5.10 Dividing a 2-digit Number by a 2-digit Number

5.11 Dividing a 3-digit Number by a 1-digit Number

5.12 Dividing a 3-digit Number by a 2-digit Number

### 6. Decimal Numbers

6.1 Introduction to Decimal Numbers

6.2 Displaying Decimal Numbers

6.3 Counting Money with Decimals

6.4 Adding Decimal Numbers

6.5 Subtracting Decimal Numbers

### 7. Fractions

7.1 Introduction to Fractions

7.2 Identifying Fractions

7.3 Equivalent Fractions

7.4 Comparing Fractions

7.5 Adding Fractions

7.6 Subtracting Fractions

13.8 Polygons

13.9 Solid Figures

### 14. Basic Probability

14.1 Introduction to Probability

14.2 Probability Based on a Given Event or Data Set

### 15. Word Problems

15.1 Introduction to Word Problems

15.2 Age Word Problems

15.3 Wage Calculation Word Problems

15.4 Family Budgeting Word Problems

15.5 Word Problems involving Mathematical Statements