MathTeacherCoach.com

4ᵗʰ Grade Math Curriculum Map – with CCSS

Unit 1 – Place Value and Rounding of Multi-Digit Whole Numbers

1-1   Place Value of Multi-Digit Whole Numbers
CCSS.MATH.CONTENT.4.NBT.1

1-2   Naming Numbers Within One Million
CCSS.MATH.CONTENT.4.NBT.2

1-3   Forms of Multi-Digit Numbers
CCSS.MATH.CONTENT.4.NBT.2

1-4   Comparing Multi-Digit Whole Numbers
CCSS.MATH.CONTENT.4.NBT.2

1-5   Rounding Multi-Digit Whole Numbers
CCSS.MATH.CONTENT.4.NBT.3

MathTeacherCoach.com

Unit 2 – Multi-Digit Whole Number Addition and Subtraction

2-1 Multi-Digit Whole Number Addition
CCSS.MATH.CONTENT.4.OA.3
CCSS.MATH.CONTENT.4.NBT.1
CCSS.MATH.CONTENT.4.NBT.2
CCSS.MATH.CONTENT.4.NBT.4

2-2 Multi-Digit Whole Number Subtraction
CCSS.MATH.CONTENT.4.OA.3
CCSS.MATH.CONTENT.4.NBT.1
CCSS.MATH.CONTENT.4.NBT.2
CCSS.MATH.CONTENT.4.NBT.4

2-3 Solving Two-Step Subtraction Word Problems
CCSS.MATH.CONTENT.4.OA.3
CCSS.MATH.CONTENT.4.NBT.1
CCSS.MATH.CONTENT.4.NBT.2
CCSS.MATH.CONTENT.4.NBT.4

2-4 Solving Multi-Step Addition and Subtraction Word Problems
CCSS.MATH.CONTENT.4.OA.3
CCSS.MATH.CONTENT.4.NBT.1
CCSS.MATH.CONTENT.4.NBT.2
CCSS.MATH.CONTENT.4.NBT.4

2-5 Creating Word Problems Involving Addition and Subtraction
CCSS.MATH.CONTENT.4.OA.3
CCSS.MATH.CONTENT.4.NBT.1
CCSS.MATH.CONTENT.4.NBT.2
CCSS.MATH.CONTENT.4.NBT.4

MathTeacherCoach.com

Unit 3 – Multi-Digit Whole Number Multiplication

3-1   Area and Perimeter Models
CCSS.MATH.CONTENT.4.OA.1
CCSS.MATH.CONTENT.4.OA.2
CCSS.MATH.CONTENT.4.MD.3

3-2   Multiplying by 10, 100, and 1,000
CCSS.MATH.CONTENT.4.NBT.5

3-3   Multiplying Two-Digit by One-Digit Number
CCSS.MATH.CONTENT.4.NBT.5

3-4   Multiplying Three and Four-Digit by One-Digit
CCSS.MATH.CONTENT.4.NBT.5

3-5   Multiplying Two-Digit by Two-Digit Number
CCSS.MATH.CONTENT.4.NBT.5

3-6   Solve Multiplication Word Problems (Two-Step and Multi-Step)
CCSS.MATH.CONTENT.4.OA.1
CCSS.MATH.CONTENT.4.OA.2
CCSS.MATH.CONTENT.4.OA.3
CCSS.MATH.CONTENT.4.NBT.5

MathTeacherCoach.com

Unit 4 – Multi-Digit Whole Number Division

4-1 Division Using Area Models
CCSS.MATH.CONTENT.4.NBT.6

4-2 Whole Number Quotients and Remainders
CCSS.MATH.CONTENT.4.NBT.6

4-3 Factors and Multiples
CCSS.MATH.CONTENT.4.OA.4

4-4 Prime and Composite Numbers
CCSS.MATH.CONTENT.4.OA.4

4-5 Division of Multiples of 10, 100, and 1,000 by Single-Digit Numbers
CCSS.MATH.CONTENT.4.OA.2
CCSS.MATH.CONTENT.4.NBT.6

4-6 Three and Four-Digit Division with Divisors of 2, 3, 4, and 5
CCSS.MATH.CONTENT.4.OA.2
CCSS.MATH.CONTENT.4.NBT.6

4-7 Division with a Zero in the Dividend or in the Quotient
CCSS.MATH.CONTENT.4.OA.2
CCSS.MATH.CONTENT.4.NBT.6

4-8 Division with Divisors of 6, 7, 8, and 9
CCSS.MATH.CONTENT.4.OA.2
CCSS.MATH.CONTENT.4.NBT.6

4-9 Solve One-Step Division Word Problems
CCSS.MATH.CONTENT.4.OA.2
CCSS.MATH.CONTENT.4.OA.3
CCSS.MATH.CONTENT.4.NBT.6

Unit 5 – Fractions

5-1   Decomposing Fractions to Show Equivalence
CCSS.MATH.CONTENT.4.NF.3a
CCSS.MATH.CONTENT.4.NF.3b
CCSS.MATH.CONTENT.4.NF.4a

5-2   Fraction Equivalence Using Multiplication and Division
CCSS.MATH.CONTENT.4.NF.1
CCSS.MATH.CONTENT.4.NF.3a

5-3   Comparing Fractions
CCSS.MATH.CONTENT.4.NF.2

5-4   Addition and Subtraction of Fractions
CCSS.MATH.CONTENT.4.NF.1
CCSS.MATH.CONTENT.4.NF.3a
CCSS.MATH.CONTENT.4.NF.3d

5-5   Fractions Greater Than One
CCSS.MATH.CONTENT.4.NF.2
CCSS.MATH.CONTENT.4.NF.3b
CCSS.MATH.CONTENT.4.NF.3c
CCSS.MATH.CONTENT.4.NF.4a

5-6   Addition Involving Mixed Numbers
CCSS.MATH.CONTENT.4.NF.3c

5-7   Subtraction Involving Mixed Numbers
CCSS.MATH.CONTENT.4.NF.3c

5-8   Repeated Addition of Fractions as Multiplication
CCSS.MATH.CONTENT.4.NF.4a
CCSS.MATH.CONTENT.4.NF.4b

Unit 6 – Decimal Fractions

6-1   Tenths
CCSS.MATH.CONTENT.4.NF.5
CCSS.MATH.CONTENT.4.NF.6
CCSS.MATH.CONTENT.4.NF.7

6-2   Hundredths
CCSS.MATH.CONTENT.4.NF.5
CCSS.MATH.CONTENT.4.NF.6
CCSS.MATH.CONTENT.4.NF.7

6-3   Fractions to Decimals and Decimals to Fractions
CCSS.MATH.CONTENT.4.NF.1
CCSS.MATH.CONTENT.4.NF.5
CCSS.MATH.CONTENT.4.NF.6
CCSS.MATH.CONTENT.4.NF.7

6-4   Comparing and Ordering Decimals
CCSS.MATH.CONTENT.4.NF.7

6-5   Addition with Tenths and Hundredths
CCSS.MATH.CONTENT.4.NF.3c
CCSS.MATH.CONTENT.4.NF.5
CCSS.MATH.CONTENT.4.NF.6

6-6   Money as Decimal Numbers
CCSS.MATH.CONTENT.4.NF.5
CCSS.MATH.CONTENT.4.NF.6
CCSS.MATH.CONTENT.4.MD.A.2

Unit 7 – Geometry

7-1   The Undefined Terms in Geometry
CCSS.MATH.CONTENT.4.G.1

7-2   Angles
CCSS.MATH.CONTENT.4.G.1

7-3   Parallel and Perpendicular Lines
CCSS.MATH.CONTENT.4.G.1

7-4   Measuring and Sketching Angles
CCSS.MATH.CONTENT.4.MD.C.5
CCSS.MATH.CONTENT.4.MD.C.6

7-5   Addition of Angle Measures
CCSS.MATH.CONTENT.4.MD.C.7

7-6   Symmetry in 2D Figures
CCSS.MATH.CONTENT.4.G.1
CCSS.MATH.CONTENT.4.G.3

7-7   Triangles
CCSS.MATH.CONTENT.4.G.2

7-8   Quadrilaterals
CCSS.MATH.CONTENT.4.G.2

Unit 8 – Unit Conversion and Measurements

8-1 **Measurements of Length**

8-1a The Metric Units of Length

CCSS.MATH.CONTENT.4.MD.A.1

8-1b The Customary Units of Length

CCSS.MATH.CONTENT.4.MD.A.1

8-2 **Measurements of Weight**

8-2a The Metric Units of Weight

CCSS.MATH.CONTENT.4.MD.A.1

8-2b The Customary Units of Weight

CCSS.MATH.CONTENT.4.MD.A.1

8-3 **Measurements of Capacity**

8-3a The Metric Units of Capacity

CCSS.MATH.CONTENT.4.MD.A.1

8-3b The Customary Units of Capacity

CCSS.MATH.CONTENT.4.MD.A.1

8-4 **Measurements of Time**

CCSS.MATH.CONTENT.4.MD.A.1

8-5 **Solve Word Problems Involving Measurements**

CCSS.MATH.CONTENT.4.MD.A.1
CCSS.MATH.CONTENT.4.MD.A.2