THIRD GRADE MATH CURRICULUM MAP
"Whole Number Operations"

DOMAINS	STANDARDS	LESSONS
• Operation and Algebraic Thinking • Number and Operations in Base Ten	CC.3.OA.8 CC.3.OA.9 CC.3.NBT.1 CC.3.NBT.2	CHAPTER 1: ADDITION & SUBTRACTION WITHIN 1,000 1. Algebra - Number Patterns 2. Round to the Nearest Ten or Hundred 3. Estimate Sums 4. Mental Math Strategies for Addition 5. Algebra - Use Properties of Addition 6. Use the Break Apart Strategies 7. Use Place Value to Add 8. Estimate Differences 9. Mental Math Strategies for Subtraction 10. Use Place Value to Subtract 11. Combine Place Value to Subtract 12. Problem Solving - Model Addition and Subtraction
• Measurement and Data	CC.3.MD.3 CC.3.MD.4	CHAPTER 2: REPRESENT AND INTERPRET DATA 1. Problem Solving - Organize Data 2. Use Picture Graphs 3. Make Picture Graphs 4. Use Bar Graphs 5. Make Bar Graphs 6. Solve Problems Using Data 7. Use and Make Line Plots

DOMAINS	STANDARDS	LESSONS
● Operation and Algebraic Thinking	CC.3.OA.1 CC.3.OA.3 CC.3.OA.5 CC.3.OA.8	CHAPTER 3: UNDERSTAND MULTIPLICATION 1. Count Equal Groups 2. Algebra - Relate Addition and Subtraction 3. Skip Count on a Number Line 4. Problem Solving - Model Multiplication 5. Model with Arrays 6. Algebra - COmmutative Property of Multiplication 7. Algebra - Multiply with 1 and 0 8.
● Operation and Algebraic Thinking	CC.3.OA.3 CC.3.OA.5 CC.3.OA.7 CC.3.OA.8 CC.3.OA.9	CHAPTER 4: MULTIPLICATION FACTS AND STRATEGIES 1. Multiply with 2 and 4 2. Multiply with 5 and 10 3. Multiply with 3 and 6 4. Algebra - Distributive Property 5. Multiply with 7 6. Algebra - Associative Property of Multiplication 7. Algebra - Patterns on the Multiplication Table 8. Multiply with 8 9. Multiply with 9 10. Problem Solving - Multiplication
DOMAINS	STANDARDS	LESSONS
● Operation and Algebraic	CC.3.OA.4	

DOMAINS	STANDARDS	LESSONS
Thinking ● Number and Operations in Base Ten	CC.3.OA.9 CC.3.NBT.3	CHAPTER 5: USE MULTIPLICATION FACTS 1. Algebra - Describe Patterns 2. Algebra - Find the Unknown 3. Problem Solving - Use Distributive Property 4. Multiplication Strategies with Multiples of 10 5. Multiply Multiples of 10 by 1 - Digit Numbers
● Operation and Algebraic Thinking	CC.3.OA.2 CC.3.OA.3 CC.3.OA.5 CC.3.OA.6 CC.3.OA.7	CHAPTER 6: Understand Division 1. Problem Solving - Model Division 2. Size of Equal Groups 3. Number of Equal Groups 4. Model with Bar Models 5. Algebra - Relate Subtraction and Division 6. Investigate - Model with Arrays 7. Algebra - Relate Multiplication and Division 8. Algebra - Write Related Facts 9. Algebra - Division Rules for 1 and 0
DOMAINS	**STANDARDS**	**LESSONS**
● Operation and Algebraic Thinking	CC.3.OA.3 CC.3.OA.4 CC.3.OA.7 CC.3.OA.8	CHAPTER 7: DIVISION FACTS AND STRATEGIES 1. Divide by 2 2. Divide by 10 3. Divide by 5 4. Divide by 3

		5. Divide by 4
		6. Divide by 6
		7. Divide by 7
		8. Divide by 8
		9. Divide by 9
		10. Problem Solving - Two-Step Problems
		11. Investigate - Order of Operations

"Fractions"

DOMAINS	STANDARDS	LESSONS
● Number and Operations - Fractions	CC.3.NF.1 CC.3.NF.2a CC.3.NF.2b CC.3.NF.3c	CHAPTER 8: UNDERSTAND FRACTIONS 1. Equal Parts of a Whole 2. Equal Shares 3. Unit Fractions of a Whole 4. Fractions of a Whole 5. Fractions on a Number Line 6. Relate Fractions and Whole Numbers 7. Fractions of a Group 8. Find a Part of a Group Using Unit Fractions 9. Problem Solving - Find the Whole Group Using Unit Fractions
DOMAINS	STANDARDS	LESSONS
● Number and Operations - Fractions	CC.3.NF.3a CC.3.NF.3b CC.3.NF.3d	CHAPTER 9: COMPARE FRACTIONS 1. Problem Solving - Compare Fractions 2. Compare Fractions with the Same Denominator 3. Compare Fractions with the Same Numerator 4. Compare Fractions 5. Investigate - Model Equivalent Fractions

		6. Equivalent Fractions

<div align="center">"Measurement"</div>

DOMAINS	STANDARDS	LESSONS
● Measurement and Data	CC.3.MD.1 CC.3.MD.2 CC.3.MD.3 CC.3.MD.4	CHAPTER 10: TIME, LENGTH, LIQUID VOLUME, AND MASS 1. Time to the Minute 2. A.M. and P.M. 3. Measure Time Intervals 4. Use Time Intervals 5. Problem Solving - Time Intervals 6. Measure Length 7. Estimate and Measure Liquid Volume 8. Estimate and Measure Mass 9. Solve Problems About Liquid Volume and Mass
DOMAINS	**STANDARDS**	**LESSONS**
● Measurement and Data	CC.3.MD.5 CC.3.MD.5a CC.3.MD.5b CC.3.MD.6 CC.3.MD.7 CC.3.MD.7a CC.3.MD.7b CC.3.MD.7c CC.3.MD.7d	CHAPTER 11: PERIMETER AND AREA 1. Investigate - Model Perimeter 2. Find Perimeter 3. Algebra - Find Unknown Sides Lengths 4. Understand Area 5. Measure Area 6. Use Area Models 7. Problem Solving - Area of Rectangles 8. Area of Combined Rectangles

	CC.3.MD.8	9. Same Perimeter, Different Areas 10. Same Area, Different Perimeters

"Geometry"

DOMAINS	STANDARDS	LESSONS
● Geometry	CC.3.G.1 CC.3.G.2	CHAPTER 12: TWO - DIMENSIONAL SHAPES 1. Describe Plane Shapes 2. Describe Angles in Plane Shapes 3. Identify Polygons 4. Describe Sides of Polygons 5. Classify Quadrilaterals 6. Draw Quadrilaterals 7. Describe Triangles 8. Problem Solving - Classify Plane Shapes 9. Investigate - Relate Shapes, Fractions, and Area

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