

# 3rd Grade Math

## Instructional Focus Calendar

### 2022-23

Notes		Florida Standard	"Go Math" Lessons	Resources	Vocabulary Words	Morning work
	Week 1 August 10-12 *3 Day Week*	Establishing rituals and routines in math.	Journal or folder step up Establish daily routines with: *daily math *teacher table			
	Week 2 August 15-19	MA.3.NSO.1.1 Read and write numbers from 0 to 10,000 using standard form, expanded, and word form. MA.3.NSO.1.2 Compose and decompose four-digit numbers in	<b>Chapter 1, Place Value</b> Lesson 1.1: Compose and Decompose Numbers Through Thousands 7A and Lesson 1.2: Read and Write Numbers Through Ten Thousands 13A Lesson 1.3: Numbers Through Ten Thousands on a Number Line 19A and Lesson 1.4: Compare and Order Whole Numbers 25A	* Anchor Chart-Place Value Houses *base-ten blocks *MathBoard (printable resource) Waggle: 1.1- MA.3.NSO.1.2 1.2- MA.3.NSO.1.1	expanded form standard form word form	Day 1a -5a
	Week 3 August 22-26	MA.3.AR.3.3 Identify, create and extend numerical patterns. MA.3.AR.3.1 Determine and explain whether a whole number from 1 to 1,000 is even or odd. MA.3.NSO.2.1 Add and subtract	<b>Chapter 3 Addition and Subtraction Within 10,000</b> 87-88 Lesson 3.1 Use Expanded Form to Add 89A and Lesson 3.2 Use Place Value to Add 95A <b>Chapter 2 Addition and Subtraction Strategies</b> 37-38 Lesson 2.1 Identify Number Patterns on the Addition Table 39A Lesson 2.2 Round to the Nearest Ten or Hundred 45A	*Anchor Chart- Addition Strategies, Patterns *MathBoard (printable resource) *Addition Table (eTeacher Resources) Waggle: 3.1- MA.3.NSO.2.1 3.2- MA.3.NSO.2.1	pattern Identity Property of Addition round	Day 6a -10a
	Week 4 August 29-September 2	MA.3.NSO.1.4 Round whole numbers from 0 to 1,000 to the nearest 10 or 100. MA.3.NSO.2.1 Add and subtract	Lesson 2.3 Estimate Sums 51A and Lesson 2.6 Estimate Differences 69A Lesson 2.4 and 2.5 Use Strategies and Properties for Addition 57A and 63A	Anchor Chart- Addition Strategies, Patterns *N	estimate compatible numbers Associative Property	Day 1 -5
MONDAY HOLIDAY- Labor Day	Week 5 September 5-9	MA.3.AR.1.2 Solve one and two-step real-world problems involving any of four operations with whole numbers. MA.3.NSO.2.1 Add and subtract	Lesson 3.3 Use Place Value to Subtract 101A Lesson 3.4 Combine Place Values to Subtract 107A Lesson 3.5 Model and Solve Two-Step Addition and Subtraction Problems (2days) 113A	Waggle: 3.3- MA.3.NSO.2.1 3.4- MA.3.NSO.2.1 3.5- MA.3.AR.1.2		Day 6 -10
	Week 6 September 12-16	MA.3.NSO.2.1 Add and subtract multi-digit whole numbers including using a standard algorithm with procedural fluency. MA3.NSO.2.2-Explore	Chapter 3 Review 119-124 Chapter 3 Summative Test 37-40 and remediation <b>Launch into Multiplication and Chapter 4 Understand Multiplication</b> 127 Lesson 4.1 Count Equal Groups 129A Lesson 4.2 Relate Addition and Multiplication 135A	Waggle: 4.1- MA.3.NSO.2.2	equal groups	Day 11 -15
	Week 7 September 19-23	MA3.NSO.2.2-Explore multiplication of two whole numbers with products from 0 to 144, and related division facts MA3.AR.1.1-Apply the distributive property to multiply a one-digit	Lesson 4.3,4.4,4.5 Represent Multiplication Strategies with Number Lines, Bar Models, Arrays 141, 147, 153 Lesson 4.6 Understand the Commutative Property of Multiplication 159 Lesson 4.7 Understand the Identity and Zero Properties of Multiplication 165	Mathboard (printable resource), counters, square tiles  Waggle: 4.2- MA.3.NSO.2.2 4.3- MA.3.NSO.2.2	factors,multiply, product, array, Commutative Property of Multiplication, Identity Property of	Day 16 - 20

	Week	September 26-30	MA.3.NSO.2.2- Explore multiplication of two whole numbers with products from 0 to 144, and related division facts.	Chapter 4 Summative Test and remediation <b>Chapter 5 Multiplication with Multiples of 10 and 100</b> 245-246	Mathboard, base ten blocks  Waggle- 5.1- MA.3.NSO.2.4	multiple	Day 21-25
	Week	October 3-7	MA3.NSO.2.2-Explore multiplication of two whole numbers with products from 0 to 144, and related division facts	Lesson 5.4 Understand Distributive Property 197 and <b>Chapter 6 Multiplication with Multiples of 10 and 100</b> 245-246 Lesson 6.1 Use the Distributive Property 247 Lesson 6.5 Use the Distributive Property to Multiply a 2-Digit	Mathboard  Waggle- 6.1- MA.3.AR.1.1	Distributive Property	26 - 30
10/14- End of Grading Period	Week	October 10-14	MA3.NSO.2.3 Multiply a one-digit whole number by a multiple of 10, up to 90, or a multiple of 100, up to 900, with procedural reliability.	Lesson 6.2 Use Place-Value Strategies to Multiply with Multiples of 10 253A Chapter 5 & 6 Review 239-244 & 277-282 Chapter 5 & 6 Summative Test 45-46 & 47-48 and remediation	Mathboard, base ten blocks  Waggle- 6.2- MA.3.NSO.2.3	Partial Products	Day 31 - 35
10/17- Planning Day	Week	October 17-21	MA3.NSO.2.2--Explore multiplication of two whole numbers with products from 0 to 144, and related division facts.	Lessons 7.1, 7.2, 7.3 Represent Division, Find Size of Equal Groups, and Find the Number of Equal Groups 285-297 Lessons 7.4, 7.5, 7.6 Represent Division with Bar Models, Relate Subtraction and Division, Represent Division with Arrays 303-315	Mathboard, counters  Waggle- 7.1- MA. 3.NSO.2.2	Divide, dividend, divisor, quotient, inverse operations, related facts	Day 36 - 40
	Week 1	October 24-28	MA3.AR.1.1-Apply the distributive property to multiply a one-digit number and two-digit number. Apply properties of multiplication to find a product of one-digit	Lesson 7.9 Apply Division Rules for 1 and 0 333 Chapter 7 Review 339-344 Chapter 7 Summative Test 49-50 and remediation <b>Chapter 8 Division Facts and Strategies</b> 345-346 Lesson 8.1, 8.2, 8.5, 8.6, 8.8, Divide by Even	Mathboard (printable resource), counters  Waggle- 7.9- MA.3.AR.1.1 8.1- MA.3.AR.2.3		Day 41 - 45
	Week 13	October 31- November 4	MA3.NSO.2.4-Multiply two whole numbers from 0 to 12 and divide using related facts with procedural reliability.	Lesson 8.3, 8.4, 8.7, 8.9, 8.10 Divide by Odd Lesson 8.11 Divide by 12 407A Chapter 8 Review 413 - 418 Chapter 8 Summative Test 51-54 and remediation	Mathboard (printable resource)  Waggle- 8.3- MA. 3. NSO. 2.4 8.7- MA. 3. NSO. 2.4 8.9- MA. 3. NSO. 2.4 8.10- MA. 3. NSO. 2.4 8.11-MA. 3. NSO. 2.4		Day 46 - 50
11/11 Holiday	Week	November 7-11	MA3.NSO.2.2-Explore multiplication of two whole numbers with products from 0 to 144, and related division facts.	<b>Chapter 9 Apply Multiplication and Division</b> 419-420 Lesson 9.1 Multiplication Comparisons 421A Lesson 9.2 Identify, Create, and Extend Patterns 427A Lesson 9.3 Determine Multiples 433A	Mathboard (printable resource),  Waggle- 9.1- MA.3.NSO.2.2	Expression multiple	Day 51 - 55
	Week	November 14-18	MA3.AR.3.1-Determine and explain whether a whole number from 1 to 1,000 is even or odd. MA3.AR.3.2-Determine whether a	Lesson 9.4 Determine Even or Odd Using Divisibility Rules 439A Lesson 9.5 Find Unknown Numbers 445A Lesson 9.6 Solve Two-Step Multiplication Problems 451A Lesson 9.6 Continued	Waggle- 9.4- MA.3.AR.3.1	divisible, equation	Day 56 - 60
No School		November 21-25 Thanksgiving Break- No School					
	Week	November 28- December 2	MA3.GR.2.1-Explore area as an attribute of two-dimensional figure by covering the figure with unit squares without gaps or	Chapter 9 Review 463-468 Chapter 9 Summative Test 55-56 and remediation <b>Chapter 10 Relate Multiplication and Area</b> 469-470 Lesson 10.1 & 10.2 Understand Area & Measure Area by	Mathboard (printable resource), geoboard, rubberbands  Waggle-	Area, Unit Square, Square Unit, Square Inch	Day 61 - 65

	Week 1 December 5-9	MA3.GR.2.2-Find the area of a rectangle with whole-number side lengths using a visual model and multiplication formula. <a href="#">MA3.GR.2.3- Solve mathematical</a>	Lesson 10.3 Relate Area to Addition and Multiplication 483A Lesson 10.4 Solve Problems with Area 489A Lesson 10.5 Find Area of Combined Rectangles 495A Chapter 10 Review 501-506 Chapter 10 Summative Test 57-60 and remediation	Waggle- 10.3- MA.3.GR.2.2 10.4- MA.3.GR.2.3	Composite Figure	Day 66 -70
	Week 1 December 12-16	<a href="#">MA3.GR.2.3- Solve mathematical</a> and real-world problems involving the perimeter and area of rectangles with whole-number side lengths using a visual model	<b>Chapter 11 Understand Perimeter</b> 507-508 Lesson 11.1 & 11.2 Model and Find Perimeter 509 A & 515A Lesson 11.3 Use Formula to Find Perimeter 521A Chapter 11 Review 527-532 Chapter 11 Summative Test and remediation	Waggle- 11.1- MA.3.GR.2.4 11.2- MA.3.GR.2.4	Formula	Day 71- 75
12/23- End of Grading Period	Week 1 December 19-23	MA3.M.2.1-Using analog and digital clocks tell and write time to the nearest minute using a.m. and p.m. appropriately.	<b>Chapter 12 Teaching for Depth</b> 533-534 Lesson 12.1 Tell and Write Time to the Minute 535A Lesson 12.2 A.M. and P.M. 541A Lesson 12.3 Measure Time Intervals 547A	Mathboard (printable resource), Judy Clocks  Waggle- 12.1- MA.3.M.2.1	Elapsed Time	
1/9- Teacher Planning Day	Week 1 January 9-13	MA3.M.2.1-Using analog and digital clocks tell and write time to the nearest minute using a.m. and p.m. appropriately.	*Intro to Elapsed Time Lesson 12.4 Find Start and End Times 553A Lesson 12.5 Solve Time Interval Problems 559A Chapter 12 Review 565-570	Mathboard (printable resource), Judy Clocks  Waggle- 12.4- MA.3.M.2.1		Day 76 - 80
1/16- School Holiday MLK	Week 2 January 16-20	<a href="#">MA3.FR.1.1-Represent and interpret</a> unit fractions in the form $1/n$ as the quantity formed by one part when a whole is partitioned into $n$ equal parts. <a href="#">MA3.FR.1.3-Read and write</a>	<b>Chapter 13 Fractions 573-574</b> <b>*Launch into Fractions</b> Lesson 13.1 & 13.3 Describe Equal Parts of a Whole & Represent and Name Fractions of a Whole 575A & 587A Lesson 13.2 & 13.5 Represent and Name Unit Fractions & Write Fractions as Sums of Unit Fractions 581A	Mathboard (printable resource), Fraction Strips  Waggle- 13.1- <a href="#">MA.3.FR.1.1</a> 13.2- MA.3.FR.1.1	Eighths, Fifths, Sixths, Tenths, Twelfths, Fraction Unit Fraction, Denominator, Numerator, fraction	Day 81 - 85
	Week 2 January 23-27	<a href="#">MA3.FR.1.1-Represent and interpret</a> unit fractions in the form $1/n$ as the quantity formed by one part when a whole is partitioned into $n$ equal parts. <a href="#">MA3.FR.1.3-Read and write</a>	Lesson 13.7 Represent and Name Fractions of a Set 611A Chapter 13 Review 617-622 Chapter 13 Summative Test 67-70 & Remediation <b>Chapter 14 Chapter at a Glance</b> 623-624 <del>Lesson 14.1 &amp; 14.4 Compare Fractions Using Visual</del>	Mathboard (printable resource), Fraction Strips  Waggle- 13.7- MA.3.FR.1.1		Day 86- 90
	Week 2 January 30-February 3	<a href="#">MA3.FR.2.1-Plot, order and compare</a> fractional numbers with the same numerator or the same denominator	Lesson 14.2 Compare Fractions with the Same Denominator 631A Lesson 14.3 Compare Fractions with the Same Numerator 637A Lesson 14.5 Compare and Order Fractions 649A	Mathboard, Fraction circles, fraction strips  Waggle- 14.3- <a href="#">MA.3.FR.2.1</a>	Equivalent Fractions	Day 91 - 95
	Week 2 February 6-10	MA3.M.1.1-Select and use appropriate tools to measure the length of an object, the volume of	Chapter 14 Review 667-672 Chapter 14 Summative Test 73-76 and remediation Chapter 15 Measurement 673-674	Mathboard, ruler, crayons Waggle- 15.1-		Day 96 - 100
	Week 2 February 13-17	MA.3.M.1.2-Solve real-world problems involving any of the four operations with whole-number	Lesson 15.2 Estimate and Measure Customary Units for Capacity 681A Lesson 15.3 Estimate and Measure Metric Units for Liquid	Mathboard, cup, pint, quart, gallon containers, water/sand, pan balance, gram and kilogram masses,	capacity, cup (c), gallon (gal), pint (pt), liquid volume,	Day 101 - 105
2/20- School Holiday	Week 2 Feb 20-24	MA.3.M.1.2-Solve real-world problems involving any of the four operations with whole-number	Lesson 15.7 Solve Measurement Problems 711A Chapter 15 Review 717-722 Chapter 15 Summative Test 77-78 and remediation	Mathboard, pan balance, gram masses, glue stick	endpoints, line, line segment, plane shape, point, ray,	Day 106 -110
	Week 27: Feb 27-March 3	<a href="#">MA.3.GR.1.1- Describe and draw</a> points, lines, line segments, rays, intersecting lines, perpendicular lines and parallel lines. Identify	<b>Chapter 16 Define Two-Dimensional Shapes</b> 725-726 Lesson 16.1 Explore Lines, Rays, and Angles 7272A Lesson 16.2 Describe Angles in Shapes 733A Lesson 16.3 Describe Sides of Shapes 739A	Mathboard, bendable straws, scissors, Waggle	Angle, Vertex, Intersecting lines, parallel lines,	Day 111 - 115

	Week 28: March 6-10	<a href="#">MA.3.GR.1.2</a> -Identify and draw quadrilaterals based on their defining attributes. Quadrilaterals include parallelograms, rhombi, rectangles, squares, and trapezoids.	Chapter 16 Review 751-756 Chapter 16 Summative Test 79-82 and	Mathboard, ruler Waggle- 17. 1- <a href="#">MA.3.GR.</a>	Venn Diagram, Line of Symmetry	Day 116 - 120
3/16: End of Grading Period	Week 29 March 13-17	MA.3.GR.1.2-Identify and draw quadrilaterals based on their defining attributes. Quadrilaterals include parallelograms	Lesson 17.3 Recognize Lines of Symmetry 771A Lesson 17.4 Identify and Draw Lines of Symmetry .. 777A Chapter 17 Review 783 -788 Chapter Summative Test Page 83 -86 and remediation	Mathboard, pattern blocks, scissors, tracing paper		Day 121 - 125
3/17-3/18: Spring Break	March 20-24					
	Week 30 March 27-31	MA.3.DP.1.1- Collect and represent numerical and categorical data with whole-number values using tables.	<b>Chapter 18 -Represent and Interpret Data 789-790</b> *18.8 Incorporate solving one and two step problems using data to all lessons 833A Lesson 18.1 - Organize Data 791A	Mathboard Waggle- 18.1- MA.3.DP.1.1	categorical data frequency table key scale	Day 126-130
	Week 31 April 3-7	MA.3.DP.1.1- Collect and represent numerical and categorical data with whole-number values using tables, scaled pictographs, scaled bar graphs or line plots. Use	*18.8 Incorporate solving one and two step problems using data to all lessons 833A Lesson 18.7 - Use Circle Graphs 827A Chapter 18 - Review 839 - 844 Chapter 18 - Summative Test - 87 -90 and remediation	Mathboard, ruler, measuring tape Waggle- 18.7- MA.3.DP.1.2 18.8- MA.3.DP.1.2	line plot circle graph	Day 131 - 135
	Week 32 April 10-14		<b>**Start Spiral Review of all math standards</b>			Day 136 - 140
	Week 33 April 17-21		Spiral Review of all math standards			Day 141 - 145
4/26: Half Day	Week 34 April 24-28		Spiral Review of all math standards			Day 146-150
	Week 35 May 1-5		Spiral Review of all math standards			Day 151-155
	Week 36 May 8-12		Step up to 4th grade lessons			Day 156-160
	Week 37 May 15-19		Spiral Review of all math standards			

5/26: No School Last Week of School	<b>W</b> <b>e</b> <b>e</b>	May 22-26		Spiral Review of all math standards			