

Santa Rosa County  
Elementary Math Pacing Guide  
4th Grade

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Nine Weeks	Topic	Major Content Standards	Time to Teach	What do I use? (Suggested)
<b>1st Nine Weeks</b>	Beginning of the Year Activities	N/A		<b>Fourth Grade Readiness Test</b> (TE pg. F52, AS)
	<b>TOPIC 1: Generalize Place Value Understanding</b>	<b>MAFS.4.NBT.1:</b> Generalize place value understanding for multi-digit whole numbers.	8 days	<b>Teacher Professional Development</b> (TE pg. 1C-1F, PR Video)
				<b>Topic Opener</b> (TEpg 1-2, SEpg 1-2) send home Topic Home School Connection
				<b>Vocabulary</b> (PR,TEpg 2,26 SEpg26)
				<b>Pick a Project</b> (TEpg 3, SEpg 3 and TRM)
				<b>3-Act Math Task</b> (after Lesson 5: TEpg 4 , SEpg 4, PR Video)
				<b>Lessons 1 - 5</b> (TE pg. 5-24, SE pg. 5-24, APW pg1-10, TRM, Math Anytime, PR Today's Challenge)
				<b>Fluency Review Activity</b> (TEpg 25, SEpg25)
				<b>Differentiate</b> (TE pg. 1G, TRM for each lesson, TEpg31-32, SEpg 31-32)
				<b>Topic 1 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TEpg 29-32 SEpg29-32)
				<b>Basic-Facts Timed Test</b> (AS, TEpg32B-32C)
	<b>TOPIC 2: Fluently Add and Subtract Multi-Digit Whole Numbers</b>	<b>MAFS.4.NBT.2 :</b> Use place value understanding and properties of operations to perform multi-digit arithmetic	11 days	<b>Teacher Professional Development</b> (TE pg33E-33H, PR Video)
				<b>Steps to Fluency Success</b> (TEpg 33K-33N,PR-Game Center, Printable
				<b>Topic Opener</b> (TEpg 33-34, SEpg 33-34) send home Topic Home School
				<b>Vocabulary</b> (PR,TEpg 34,70 SEpg70)
				<b>Pick a Project</b> (TEpg 35-36, SEpg 35-36 and TRM)
				<b>Lessons 1 - 8</b> (TE pg. 37-68, SE pg. 37-68, APW pg11-26, TRM, Math Anytime, PR Today's Challenge)
				<b>Fluency Practice Activity</b> (TEpg 69, SEpg69)
				<b>Differentiate</b> (TE pg. 33I, TRM for each lesson, TEpg71-72, SEpg 71-72)
				<b>Topic 2 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TEpg 73-76 SEpg73-75)

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	<b>TOPIC 3: Use Strategies and Properties to Multiply by 1-Digit Numbers</b>	<b>MAFS.4.NBT.2:</b> Use place value understanding and properties of operations to perform multi-digit arithmetic	11 days	<b>Teacher Professional Development</b> (TE pg. 77E-77H, PR Video) <b>Topic Opener</b> (TEpg 77-78, SEpg 77-78) send home Topic Home School Connection <b>Vocabulary</b> (PR, TE pg78,114 SEpg114) <b>Pick a Project</b> (TEpg 79, SEpg 79 and TRM) <b>3-Act Math Task</b> (after Lesson 7: TEpg 80, SEpg 80, PR Video) <b>Lessons 1 - 8</b> (TE pg. 81-112, SE pg. 81-112, APW pg27-42, TRM, Math Anytime, PR Today's Challenge) <b>Fluency Practice Activity</b> (TEpg 113, SEpg113) <b>Differentiate</b> (TE pg77I-77J, TRM for each lesson, TEpg115-118, SEpg 115-118) <b>Topic 3 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TE pg. 119-124, SEpg 119-124)
	<b>TOPIC 4: Use Strategies and Properties to Multiply by 2-Digit Numbers</b>	<b>MAFS.4.NBT.2:</b> Use place value understanding and properties of operations to perform multi-digit arithmetic	10 days	<b>Teacher Professional Development</b> (TE pg. 125E-125H, PR Video) <b>Topic Opener</b> (TEpg 125-126, SEpg 113-114) send home Topic Home School Connection <b>Vocabulary</b> (PR, TE pg126, 158, SEpg158) <b>Pick a Project</b> (TEpg127-128, SEpg 128, TRM) <b>Lessons 1 - 7</b> (TE pg. 129-156, SE pg. 129-156, APW pg43-56, TRM-Math Anytime, PR-Today's Challenge) <b>Fluency Practice Activity</b> (TEpg 157, SEpg 157) <b>Differentiate</b> (TE pg. 125I-125J, TRM for each lesson, TEpg 159-160, SEpg 159-160) <b>Topic 4 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TE pg. 161-164 SEpg 161-164)
<b>Topics 1-4 Cumulative/Benchmark Assessment</b> (AS, TE pg. 164B-164C)				
<b>2nd Nine Weeks</b>	<b>TOPIC 5: Use Strategies and Properties to Divide by 1-Digit Numbers</b>	<b>MAFS.4.NBT.2:</b> Use place value understanding and properties of operations to perform multi-digit arithmetic	13 days	<b>Teacher Professional Development</b> (TE pg. 165E-165H, PR Video) <b>Topic Opener</b> (TEpg 165-166, SEpg 165-166) send home Topic Home School Connection <b>Vocabulary</b> (PR-Teaching Tool, TE pg166,210 SEpg210) <b>Pick a Project</b> (TEpg 167, SEpg 167 and TRM) <b>3-Act Math Task</b> (after Lesson 7: TEpg 168, SEpg 168, PR Video) <b>Lessons 1 - 10</b> (TE pg. 169-208, SE pg. 169-208, APW pg57-76, TRM-Math Anytime, PR-Today's Challenge) <b>Fluency Practice Activity</b> (TEpg209, SEpg209)

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<b>2nd Nine Weeks</b>				<b>Differentiate</b> (TE pg. 165I-165J, TRM for each lesson, TEpg211-214, SEpg211-214)
				<b>Topic 5 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TE pg215-220, SEpg 215-220)
	<b>TOPIC 6: Use Operations with Whole Numbers to Solve Problems</b>	<b>MAFS.4.OA.1</b> : Use the four operations with whole numbers to solve problems	9 days	<b>Teacher Professional Development</b> (TE pg. 221C-221F, PR Video)
				<b>Topic Opener</b> (TEpg 221-222, SEpg 205-206)send home Topic Home School Connection
				<b>Vocabulary</b> (PR-Teaching Tool, TE pg222, 238 SEpg238)
				<b>Pick a Project</b> (TEpg223-224, SEpg 223-224 and TRM)
				<b>Lessons 1 - 6</b> (TE pg. 225-248, SE pg. 225-248, APW pg77-88, TRM-Math Anytime, PR-Today's Challenge)
				<b>Fluency Practice Activity</b> (TEpg 249, SEpg249)
				<b>Differentiate</b> (TE pg. 221G-221H, TRM for each lesson, TEpg251-252, SEpg251-252)
				<b>Topic 6 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TE pg. 253-256 SEpg 253-256)
	<b>TOPIC 7:Factors and Multiples</b>	<b>MAFS.4.OA.2</b> : Gain familiarity with factors and multiples	8 days	<b>Teacher Professional Development</b> (TE pg. 257C-257F, PR Video)
				<b>Topic Opener</b> (TEpg257-258, SEpg 257-258)send home Topic Home School Connection
				<b>Vocabulary</b> (PR-Teaching Tool, TE pg258, 282 SEpg282)
				<b>Pick a Project</b> (TEpg259, SEpg 259 and TRM)
				<b>3-Act Math Task</b> (after Lesson 5: TEpg260 , SEpg 260, PR Video)
				<b>Lessons 1 - 5</b> (TE pg. 261-280 SE pg. 261-290, APW pg89-98, TRM-Math Anytime, PR-Today's Challenge)
				<b>Fluency Practice Activity</b> (TEpg 281, SEpg281)
				<b>Differentiate</b> (TE pg. 257G-257H, TRM for each lesson, TEpg283-284, SEpg283-284)
				<b>Topic 7 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TE pg285-288, SEpg 285-288)
				<b>Teacher Professional Development</b> (TE pg. 289E-289H, PR Video)
				<b>Topic Opener</b> (TEpg 289-290, SEpg 289-290) send home Topic Home School Connection
				<b>Vocabulary</b> (PR-Teaching Tool, TE pg290, 322 SEpg322)

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You will start some of Topic 9 in the 2nd Nine weeks	TOPIC 8: Extend Understanding of Fraction Equivalence and Ordering	MAFS.4.NF.1: Extend understanding of fraction equivalence and ordering	10 days	Pick a Project (TEpg291-292, SEpg291-292 and TRM)
				Lessons 1 - 7 (TE pg. 293-320, SE pg. 293-320, APW pg99-112, TRM-Math Anytime, PR-Today's Challenge)
				Fluency Practice Activity (TEpg 321, SEpg321)
				Differentiate (TE pg. 289I-289J, TRM for each lesson, TEpg323-324, SEpg323-324)
				Topic 8 Assessments/Performance Task/FL Standards Assessment Workbook (AS, TEpg 325-328 SEpg 325-328)
	Topics 1 - 8 Cumulative/Benchmark Assessment (TE pg. 328B, AS)			
	TOPIC 9: Understand Addition and Subtraction of Fractions	MAFS.4.NF.2 : Build fractions from unit fractions by applying and extending previous understanding of operations on whole numbers.	13 days	Teacher Professional Development (TE pg. 329E-329H, PR Video)
				Topic Opener (TEpg 329-330, Sept 329-330) send home Topic Home
				Vocabulary (PR-Teaching Tool, TE pg330,374 SEpg374)
				Pick a Project (TE pg331, SEpg 331 and TRM)
3-Act Math Task (after Lesson 9: TE pg332, SEpg 332, PR Video)				
Lessons 1 -10 (TE pg. 333-372, SE pg. 333-372, APW pg113-132, TRM-Math Anytime, PR-Today's Challenge)				
Fluency Practice Activity (TEpg 373, SEpg373)				
Differentiate (TE pg. 329I-329J, TRM for each lesson, TEpg377-380, SEpg377-380)				
Topic 9 Assessments/Performance Task/FL Standards Assessment Workbook (AS, TE pg371-376, SEpg 371-376)				
3rd Nine Weeks	TOPIC 10: Extend Multiplication Concepts of Fractions	MAFS.4.NF.2: Build fractions from unit fractions by applying and extending previous understanding of operations on whole numbers.	8 days	Teacher Professional Development (TE pg. 381C-381F, PR Video)
				Interactive Math Story (TEpg 429K-429L, TRM)
				Topic Opener (TEpg 381-382, SEpg 381-382) send home Topic Home School Connection
				Vocabulary (PR-Teaching Tool, TE pg382,406 SEpg406)
				Pick a Project (TEpg383, SEpg 383 and TRM)
				Lessons 1 - 5 (TE pg. 385-404, SE pg385-404 APW pg133-142, TRM-Math Anytime, PR-Today's Challenge)
				Fluency Practice Activity (TEpg405, SEpg405)
				Differentiate (TE pg. 381G-381H, TRM for each lesson, TEpg407-408, SEpg407-408)
				Topic 10 Assessments/Performance Task/FL Standards Assessment Workbook (AS, TE pg409-412 SEpg 409-412)

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				<b>Teacher Professional Development</b> (TE pg. 413C-413F, PR Video)
				<b>Topic Opener</b> (TEpg 413-414, SEpg413-414) send home Topic Home School Connection
				<b>Vocabulary Review Activity</b> (PR-Teaching Tool, TE pg414,434 SEpg433)
				<b>Pick a Project</b> (TEpg415, SEpg471 and TRM)
				<b>3-Act Math Task</b> (after Lesson 4: TEpg416 , SEpg 416, PR Video)
				<b>Lessons 1 - 4</b> (TE pg. 417-432, SE pg. 417-432, APW pg143-150, TRM-Math Anytime, PR-Today's Challenge)
				<b>Fluency Practice Activity</b> (TEpg 433, SEpg433)
				<b>Differentiate</b> (TE pg. 413G-413H, TRM for each lesson, TEpg435-436 SEpg435-436)
				<b>Topic 11 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, Teng 437-440, SEpg437-440)
<b>TOPIC 11:Represent and Interpret Data on Line Plots</b>	<b>MAFS.4.MD.2:</b> Represent and interpret data	7 days		
				<b>Teacher Professional Development</b> (TE pg. 441C-441F, PR Video)
				<b>Topic Opener</b> (TEpg 441-442, SEpg441-442) send home Topic Home School Connection
				<b>Vocabulary Cards</b> (PR-Teaching Tool, TE pg442,470 SEpg470)
				<b>Pick a Project</b> (TEpg443, SEpg443 and TRM)
				<b>Lessons 1 - 6</b> (TE pg. 445-468, SE pg. 445-468, APW pg151-162, TRM-Math Anytime, PR-Today's Challenge)
				<b>Fluency Practice Activity</b> (TEpg 469, SEpg469)
				<b>Differentiate</b> (TE pg. 441G-441H, TRM for each lesson, TEpg471-472, SEpg471-472)
				<b>Topic 12 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TEpg 473-476 SEpg 473-476)
<b>TOPIC 12: Understand and Compare Decimals</b>	<b>MAFS.4.NF.3 :</b> Understand decimal notation for fractions and compare decimal fractions.	9 days		
<b>Topics 1 - 12 Cumulative/Benchmark Assessment</b> (TE pg476B, AS)				

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<b>4th Nine Weeks</b>	<b>TOPIC 13: Measurement: Find Equivalence in Units of Measure</b>	<b>MAFS.4.MD.1</b> : Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.	10 days	<b>Teacher Professional Development</b> (TE pg. 477E-477H, PR Video)
				<b>Topic Opener</b> (TEpg477-478, SEpg477-478) send home Topic Home School Connection
				<b>Vocabulary Cards</b> (PR-Teaching Tool, TE pg478, 510 SEpg510)
				<b>Pick a Project</b> (TEpg479, SEpg479 and TRM)
				<b>3-Act Math Task</b> (after Lesson 3: TEpg480 , SEpg 480, PR Video)
				<b>Lessons 1 - 7</b> (TE pg. 481-508, SE pg481-508, APW pg163-176, TRM-Math Anytime, PR-Today's Challenge)
				<b>Fluency Practice Activity</b> (TEpg509, SEpg509)
				<b>Differentiate</b> (TE pg. 477I-477J, TRM for each lesson, TEpg511-512, SEpg511-512)
				<b>Topic 13 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS,TE pg. 513-516 SEpg 513-516)
	<b>TOPIC 14: Algebra: Generate and Analyze Patterns</b>	<b>MAFS.4.OA.3</b> : Generate and analyze patterns.	7 days	<b>Teacher Professional Development</b> (TE pg517C-517F, PR Video)
				<b>Topic Opener</b> (TEpg 517-518, SEpg 517-518) send home Topic Home School Connection
				<b>Vocabulary Cards</b> (PR-Teaching Tool, TE pg518,538SEpg538)
				<b>Pick a Project</b> (TEpg519, SEpg519 and TRM)
				<b>Lessons 1 - 4</b> (TE pg. 521-536, SE pg. 521-536, APW pg177-184, TRM-Math Anytime, PR-Today's Challenge)
				<b>Fluency Practice Activity</b> (TEpg 537, SEpg537)
				<b>Differentiate</b> (TE pg. 517G-517H, TRM for each lesson, TEpg539-540, SEpg539-540)
				<b>Topic 14 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TE pg. 541-544, SEpg 541-544)
	<b>TOPIC 15: Geometric Measurement: Understand Concepts and Angles and Angle Measurement</b>	<b>MAFS.4.MD.3</b> : Geometric measurement: understand concepts of angle and measure angles.	9 days	<b>Teacher Professional Development</b> (TE pg545C-545F, PR Video)
				<b>Topic Opener</b> (TEpg 545, SEpg 545-546) send home Topic Home School Connection
				<b>Vocabulary Cards</b> (PR-Teaching Tool, TE pg546,574 SEpg574)
				<b>Pick a Project</b> (TEpg547, SEpg547 and TRM)
				<b>3-Act Math Task</b> (after Lesson 6: TEpg548 , SEpg 548, PR Video)
				<b>Lessons 1 - 6</b> (TE pg. 549-572 SE pg. 549-572, APW pg185-196, TRM-Math Anytime, PR-Today's Challenge)
				<b>Fluency Practice Activity</b> (TEpg 573, SEpg573)

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				<b>Differentiate</b> (TE pg. 581G-5814H, TRM for each lesson, TEpg575-576, SE pg575-576)
				<b>Topic 15 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TE pg. 577-580, SEpg 577-580)
	<b>TOPIC 16: Lines, Angles, and Shapes</b>	<b>MAFS.4.G.1</b> : Draw and identify lines and angles, and classify shapes by properties of their lines and angles.	9 days	<b>Teacher Professional Development</b> (TE pg581C-581F, PR Video)
				<b>Interactive Math Story</b> (TEpg 637I-637J, TRM)
				<b>Topic Opener</b> (TEpg 581-582, SEpg 609-610) send home Topic Home School Connection
				<b>Vocabulary Cards</b> (PR-Teaching Tool, TE pg582,610 SEpg610)
				<b>Pick a Project</b> (TEpg583, SEpg583 and TRM)
				<b>Lessons 1 - 6</b> (TE pg. 585-608, SE pg. 585-608, APW pg197-208, TRM-Math Anytime, PR-Today's Challenge)
				<b>Fluency Practice Activity</b> (TEpg 609, SEpg609)
				<b>Differentiate</b> (TE pg. 581G-581H, TRM for each lesson, TEpg611-612, SE pg611-612)
			<b>Topic 15 Assessments/Performance Task/FL Standards Assessment Workbook</b> (AS, TE pg. 613-616, SEpg 616-616)	
<b>Topics 1 - 15 Cumulative/Benchmark Assessment</b> (TE pg616B, AS)				
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