

Everyday Mathematics 4
Grade 3 Instructional Pacing Recommendations

This suggested pacing for *Everyday Mathematics*, Grade 3 supports 3–4 lessons each week and one unit every 3–5 weeks. This allows time for additional practice, differentiation, and instruction opportunities such as extra games practice, Differentiation Options, English Learners and Differentiation Support, projects, and reinforcement. Use this pacing to help ensure in-depth coverage of all Grade 3 Common Core State Standards for Mathematics in a total of 170 instructional days.

This pacing is designed for flexibility and depth. You will have flexibility so you can extend a lesson if discussion has been rich or if students’ understandings are incomplete. You can add a day for “journal fix-up” or for differentiation—to provide an Enrichment activity to every student, for example—or for games. There will also be time to accommodate outside mandates, district initiatives, and special projects.

This pacing also gives you time to go deep, to create a classroom culture that values and supports productive struggle. You can expect your students to do their own thinking, to solve problems they have not been shown how to solve, to make connections between concepts and procedures, to explain their thinking, and to understand others’ thinking. Creating such a classroom culture takes time, but it’s what the Common Core asks you to do in its Standards for Mathematical Practice—and the pacing of *Everyday Mathematics 4* is designed to give you the time you’ll need.

Beginning-of-Year Assessment		1 Day
Unit 1	Math Tools, Time, and Multiplication	20 Days
1-1	Number Grids	1
1-2	Introducing the Student Reference Book	1
1-3	Tools for Mathematics	1
1-4	Number Lines and Rounding	1
1-5	Time	1
1-6	How Long is a Morning?	2
1-7	Scaled Bar Graphs	1
1-8	Multiplication Strategies	1
1-9	Introducing Division	1
1-10	Foundational Math Facts	1
1-11	The Length-of-Day Project	1
1-12	Exploring Mass, Equal Shares, and Equal Groups	1
1-13	Measuring Mass	1
1-14	Unit 1 Progress Check	2
	Additional practice, differentiation, and instruction opportunities	4

Unit 2	Number Stories and Arrays	19	Days
2-1	Extended Facts: Addition and Subtraction	1	
2-2	Number Stories	1	
2-3	More Number Stories	1	
2-4	Multistep Number Stories, Part 1	1	
2-5	Multistep Number Stories, Part 2	1	
2-6	Equal Groups	1	
2-7	Multiplication Arrays	1	
2-8	Picturing Division	2	
2-9	Modeling Division	1	
2-10	Playing <i>Division Arrays</i>	1	
2-11	Frames and Arrows	1	
2-12	Exploring Fraction Circles, Liquid Volume, and Area	1	
2-13	Unit 2 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	4	

Unit 3	Operations	21	Days
3-1	"What's My Rule?"	1	
3-2	Estimating Costs	2	
3-3	Partial-Sums Addition	1	
3-4	Column Addition	1	
3-5	Counting-Up Subtraction	1	
3-6	Expand-and-Trade Subtraction	1	
3-7	Exploring Bar Graphs, Area, and Partitioning Rectangles	1	
3-8	Scaled Picture Graphs	1	
3-9	Exploring Multiplication Squares	1	
3-10	The Commutative Property of Multiplication	1	
3-11	Adding a Group	1	
3-12	Subtracting a Group	1	
3-13	Equivalent Names	1	
3-14	Unit 3 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	5	

Unit 4	Measurement and Geometry	20	Days
4-1	Measuring with a Ruler	1	
4-2	Application: Line Plots	1	
4-3	Exploring Measures of Distance and Comparisons of Mass	1	
4-4	Polygon Review	1	
4-5	Special Quadrilaterals	1	
4-6	Perimeter	1	
4-7	Area and Perimeter	1	
4-8	Area and Composite Units	1	
4-9	Number Sentences for Area of Rectangles	1	
4-10	Playing <i>The Area and Perimeter Game</i>	1	
4-11	Building a Rabbit Pet	2	
4-12	Rectilinear Figures	1	
4-13	Unit 4 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	5	
Middle-of-Year Assessment		2	Days

Unit 5	Fractions and Multiplication Strategies	18	Days
5-1	Exploring Equal Parts, Fractions of Different Wholes, and Area	1	
5-2	Representing Fractions	1	
5-3	Equivalent Fractions	1	
5-4	Recognizing Helper Facts	1	
5-5	Multiplication Fact Strategies: Doubling, Part 1	1	
5-6	Multiplication Fact Strategies: Doubling, Part 2	1	
5-7	Patterns in Products	1	
5-8	Finding Missing Factors	1	
5-9	Multiplication Fact Strategies: Near Squares	1	
5-10	Button Dolls: Solving a Number Story	2	
5-11	Multiplication Fact Strategies: Break-Apart Strategy	1	
5-12	Unit 5 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	4	

Unit 6	More Operations	18	Days
6-1	Trade-First Subtraction	1	
6-2	Playing <i>Baseball Multiplication</i>	1	
6-3	Taking Inventory of Known Fact Strategies	1	
6-4	Fact Power and <i>Beat the Calculator</i>	1	
6-5	Exploring Geometry Problems, Measurement Data, and Polygons	1	
6-6	Multiplication and Division Diagrams	1	
6-7	Multiplication with Larger Factors	1	
6-8	Number Sentences with Parentheses	1	
6-9	Writing Number Stories	2	
6-10	Order of Operations	1	
6-11	Number Models for Two-Step Number Stories	1	
	Unit 6 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	4	
Unit 7	Fractions	20	Days
7-1	Liquid Volume	1	
7-2	Exploring Arrays, Volume, and Equal Shares	1	
7-3	Number Stories with Measures	1	
7-4	Fraction Strips	1	
7-5	Fractions on a Number Line, Part 1	1	
7-6	Fractions on a Number Line, Part 2	1	
7-7	Comparing Fractions	1	
7-8	Finding Rules for Comparing Fractions	2	
7-9	Locating Fractions on Number Lines	1	
7-10	Justifying Fraction Comparisons	1	
7-11	Fractions in Number Stories	1	
7-12	Fractions of Collections	1	
7-13	Unit 7 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	5	

Unit 8	Multiplication and Division	14	Days
8-1	Measuring to the Nearest $1/4$ Inch	1	
8-2	Extended Facts: Multiplication and Division	1	
8-3	Number Stories with Measures	1	
8-4	Setting Up Chairs	2	
8-5	Playing <i>Factor Bingo</i>	1	
8-6	Sharing Money	1	
8-7	Exploring Number Lines, Fractions, and Area	1	
8-8	Solid Shapes	1	
8-9	Unit 8 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	3	
Unit 9	Multidigit Operations	13	Days
9-1	Playing <i>Product Pile-Up</i>	1	
9-2	Multiply and Divide with Multiples of 10	1	
9-3	Using Mental Math to Multiply	1	
9-4	Exploring Elapsed Time, Squares, and Bridges	1	
9-5	Multidigit Multiplication	1	
9-6	Packing Apples	2	
9-7	The Length-of-Day Project, Revisited	1	
9-8	Unit 9 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	3	
End-of-Year Assessment		3	Days
Total days for instructional lessons		107	Days
Total days for additional practice and instruction		37	Days
Total days for assessment		26	Days
TOTAL INSTRUCTIONAL DAYS		170	Days