

Everyday Mathematics 4
Grade 4 Instructional Pacing Recommendations

This suggested pacing for *Everyday Mathematics*, Grade 4 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 4 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 additional games. There will also be time to accommodate outside mandates, district initiatives, and special projects.

This pacing gives you time to go deep, to create a classroom culture that values and supports productive struggle. You can expect your students to discuss and compare their thinking with classmates, to solve problems they have not been shown how to solve, to make connections between concepts and procedures, and to reflect on what they are learning. 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	Place Value; Multidigit Addition and Subtraction	21 Days
1-1	Place Value in Whole Numbers	1
1-2	Place-Value Concepts	1
1-3	Formal Procedures for Rounding	1
1-4	Introduction to the <i>Student Reference Book</i>	1
1-5	Estimation Strategies	1
1-6	Guide to Solving Number Stories	1
1-7	U.S. Traditional Addition	1
1-8	Cracking the Muffin Code	2
1-9	U.S. Traditional Subtraction	1
1-10	U.S. Customary Units of Length	1
1-11	Points, Line Segments, Lines, and Rays	1
1-12	Angles, Triangles, and Quadrilaterals	1
1-13	Finding Perimeters of Squares and Rectangles	1
1-14	Unit 1 Progress Check	2
	Additional practice, differentiation, and instruction opportunities	5

Unit 2	Multiplication and Geometry	20	Days
2-1	Square Number Patterns	1	
2-2	Area Formula for Rectangles	1	
2-3	Factors and Factor Pairs	1	
2-4	Multiples	1	
2-5	Prime and Composite Numbers	1	
2-6	Little and Big	2	
2-7	Units of Time	1	
2-8	Multiplicative Comparisons	1	
2-9	Multiplicative Comparison Number Stories	1	
2-10	Classifying Triangles	1	
2-11	Classifying Quadrilaterals	1	
2-12	Finding Line Symmetry	1	
2-13	Finding the Pattern	1	
2-14	Unit 2 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	4	
Unit 3	Fractions and Decimals	21	Days
3-1	Equal Sharing and Equivalence	1	
3-2	Fraction Circles and Equivalence	1	
3-3	Number Lines and Equivalence	1	
3-4	An Equivalent Fractions Rule	1	
3-5	Veggie Pizzas	2	
3-6	Comparing Fractions	1	
3-7	Comparing and Ordering Fractions	1	
3-8	Modeling Tenths with Fraction Circles	1	
3-9	Modeling Decimals with Base-10 Blocks	1	
3-10	Tenths and Hundredths	1	
3-11	Tenths and Hundredths of a Meter	1	
3-12	Tenths of a Centimeter	1	
3-13	Comparing Decimals	1	
3-14	Unit 3 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	5	

Unit 4	Multidigit Multiplication	21	Days
4-1	Extended Multiplication Facts	1	
4-2	Making Reasonable Estimates for Products	1	
4-3	Partitioning Rectangles	1	
4-4	Converting Liquid Measures	1	
4-5	Walking Away with a Million Dollars	2	
4-6	Introducing Partial-Products Multiplication	1	
4-7	Metric Units of Mass	1	
4-8	Money Number Stories	1	
4-9	Partial-Products Multiplication	1	
4-10	<i>Multiplication Wrestling</i>	1	
4-11	Area Models for Rectangles and Rectilinear Figures	1	
4-12	Multistep Multiplication Number Stories	1	
4-13	Lattice Multiplication	1	
4-14	Unit 4 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	5	
Middle-of-Year Assessment		1	Day

Unit 5	Fractions and Mixed-Number Computation; Measurement	21	Days
5-1	Fraction Decomposition	1	
5-2	The Whole for Fractions	1	
5-3	Adding Fractions	1	
5-4	Adding Mixed Numbers	1	
5-5	Adding Tenths and Hundredths	1	
5-6	Queen Arlene's Dilemma	2	
5-7	Subtracting Fractions	1	
5-8	Subtracting Mixed Numbers	1	
5-9	Line Plots: Fractional Units	1	
5-10	Rotations and Iterating Angles	1	
5-11	Unit Iteration for Angles	1	
5-12	Creating Symmetric Figures	1	
5-13	More Multistep Multiplication Number Stories	1	
5-14	Unit 5 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	5	

Unit 6	Division; Angles	21	Days
6-1	Extended Division Facts	1	
6-2	Area: Finding Missing Side Lengths	1	
6-3	Strategies for Division	1	
6-4	Partial-Quotients Division, Part 1	1	
6-5	Fruit Baskets	2	
6-6	Customary Units of Weight	1	
6-7	Partial-Quotients Division, Part 2	1	
6-8	Expressing and Interpreting Remainders	1	
6-9	Measuring Angles	1	
6-10	Using a Half-Circle Protractor	1	
6-11	Angle Measures as Additive	1	
6-12	Number Stories with Fractions and Mixed Numbers	1	
6-13	Extending Understandings of Whole-Number Multiplication	1	
6-14	Unit 6 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	5	
Unit 7	Multiplication of a Fraction by a Whole Number; Measurement	21	Days
7-1	Converting Liquid Measures: U.S. Customary Units	1	
7-2	Exploring Fraction Multiplication Situations	1	
7-3	A Fraction as a Multiple of a Unit Fraction	1	
7-4	Multiplying Fractions by Whole Numbers	1	
7-5	Multiplying Mixed Numbers by Whole Numbers	1	
7-6	Three-Fruit Salad	2	
7-7	Multistep Division Number Stories	1	
7-8	Division Measurement Number Stories	1	
7-9	Generating and Identifying Patterns	1	
7-10	Solving Multistep Fraction Number Stories	1	
7-11	Weights of State Birds	1	
7-12	Decimal Number Stories	1	
7-13	Displaying Insect Data	1	
7-14	Unit 7 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	5	

Unit 8	Fraction Operations; Applications	20	Days
8-1	Extending Multistep Number Stories	1	
8-2	Real-Life Angle Measures as Additive	1	
8-3	Pattern-Block Angles	2	
8-4	Extending Line Symmetry	1	
8-5	Line Plots: $1/2$, $1/4$, and $1/8$ Inches	1	
8-6	Fractions and Perimeter	1	
8-7	More Decimal Number Stories	1	
8-8	Areas of Rectangles with Fractional Side Lengths	1	
8-9	More Fraction Multiplication Number Stories	1	
8-10	Fractions and Liquid Measures	1	
8-11	Fractions and Measurement	1	
8-12	Applying Understandings of Place Value and Operations	1	
8-13	Many Names for Numbers	1	
8-14	Unit 8 Progress Check	2	
	Additional practice, differentiation, and instruction opportunities	4	
End-of-Year Assessment		2	Days
Total days for instructional lessons		112	Days
Total days for additional practice and instruction		38	Days
Total days for assessment		20	Days
TOTAL INSTRUCTIONAL DAYS		170	Days