

4TH GRADE MATH BOOK LIST

Unit	Topic	Books
1	Exploring multiples and factors	<ul style="list-style-type: none"> • Eratosthenes and His Sieve - Go Math Grab-and-Go Reader • Anno's Magic Seeds by Mitsumasha Anna
2	Using multiplication & division STRATEGIES with larger numbers	<ul style="list-style-type: none"> • Bananas by Jacqueline Farmer • On the Day You Were Born by Debra Frasier • A Remainder of One by Elionor J. Pinczes • Multiplying a Good Deed- Go Math Reader • The World's Tallest Buildings -Go Math Reader • The Thirst Quencher- Go Math Reader • One Hundred Hungry Ants by Elinor J. Pinczes • Each Orange Had 8 Slices by Paul Giganti Jr. • Tickle My Memory- Go Math Reader
3	Decomposing and composing fractions for addition and subtraction	<ul style="list-style-type: none"> • Sleeping Half the Day Away-Go Math • Fractions=Trouble! By Claedia Mills • Funny Fabulous Fraction Stories • Picture Pie by Ed Emerley • Fractions, Decimals, and Percents by David Adler
4	Applying place value concepts in whole number addition and subtraction	<ul style="list-style-type: none"> • Math Curse by Jon Scieszka • How Big is a Million? by Anna Milbourne • How Much is a Million? by David Schwartz • If you Made a Million by David Schwartz • The World's Tallest Buildings- Go Math Reader • Summing Up a Pet's Needs- Go Math Reader
5	Understanding fraction equivalence and comparison	<ul style="list-style-type: none"> • A Melody in Fractions - Go Math Reader • Sleeping Half the Day Away- Go Math Reader • Fundraising Fair- Go Math Reader
6	Introducing Measurement Conversions	<ul style="list-style-type: none"> • Putting the World on a Page - Go Math Book • Math Curse by Jon Scieszka • How Big is a Million? by Anna Milbourne • How Much is a Million? by David Schwartz • If you Made a Million by David Schwartz • Room for Riley by Stuart Murphy • Hershey's Milk Chocolate: Weights and Measures by Jerry Pallotta • Measuring the Mississippi- Go Math reader • A Trip to the Pond- Go Math reader

7	Solving problems using multiplicative comparison	<ul style="list-style-type: none"> • In the Next Three Seconds...Predictions for the Millennium by Rowland Morgan • Coyotes All Around by Stuart J. Murphy • How Tall How Short How Far Away by David Adler • Is a Blue Whale the Biggest Thing There Is? By Robert Wells • Measuring Penny by Loreen Leedy
8	Solving measurement problems with the four operations	<ul style="list-style-type: none"> • Bananas by Jacqueline Farmer • On the Day You Were Born by Debra Frasier • A Remainder of One by Elionor J. Pinczes • Math Curse by Jon Scieszka • How Big is a Million? by Anna Milbourne • How Much is a Million? by David Schwartz • If you Made a Million by David Schwartz • How Tall How Short How Far Away by David Adler • Is a Blue Whale the Biggest Thing There Is? By Robert Wells • Measuring Penny by Loreen Leedy
9	Solving addition and subtraction word problems involving fractions and mixed numbers	<ul style="list-style-type: none"> • Fractions=Trouble! By Claedia Mills • Funny Fabulous Fraction Stories • Measuring Penny by Loreen Leedy
10	Angle Measurement	<ul style="list-style-type: none"> • Angles (Let's Investigate), by Ted Evans • Sir Cumference and the Great Kingdom of Angleland: A Math Adventure, by Cindy Neuschander • Angles are Easy as Pie, by Robert Froman & Byron Barton • Skateboarding Takes Shape AND A New Angle on Trains and Train Stations -Go Math reader • Lines, Segments, Rays, and Angles from Math Concepts Made Simple
11	Multiplying fractions by whole numbers	<ul style="list-style-type: none"> • Full House an Invitation to Fractions
12	Comparing Decimal Fractions and Understanding Notation	<ul style="list-style-type: none"> • A Melody in Fractions • Teaching Student-Centered Mathematics (Grades 3-5) pg. 183, pg. 186 Activity 7.2 , pg. 187- Activity 7.3 * figure 7.7 • Teaching Student-Centered Mathematics (Grades 3-5)pg. 191-* Activity 7.9 Line 'Em Up, * Figure 7.11 • How Tall How Short How Far Away by David Adler • Is a Blue Whale the Biggest Thing There Is? By Robert Wells • Measuring Penny by Loreen Leedy

13	Recognizing and analyzing attributes of 2-dimensional	<ul style="list-style-type: none"> • Anno's Magic Seeds by Mitsumasha Anna • Angles are as Easy as Pie by Robert Freeman • The adventures of the Angles by Kristie Carpenter • Lines, Segments, Rays, and Angles from Math Concepts Made Simple • Go Math reader: A New Angle on Trains and Train Stations, Skateboarding Takes Shape • Captain Invincible and the Space Shapes by Stuart J. Murphy and Remy Simard • Kids Learn Math: A+ Edition by Talking Stick Games • State Shapes: Texas by Erik Bruun and Rick Peterson • Shapes and Symmetry • 50 Math Super Puzzles by Thomas Canavan
14	Problem Solving With Whole Numbers	<ul style="list-style-type: none"> • In the Next Three Seconds...Predictions for the Millennium by Rowland Morgan • Bananas by Jacqueline Farmer • On the Day You Were Born by Debra Frasier • A Remainder of One by Elinor J. Pinczes • Go Math Reader The World's Tallest Building, The Thirsty Quencher, Putting the World on a Page, Multiplying a Good Deed, The Division Champs, Tickle My Memory • Math Curse by Jon Scieszka • How Big is a Million? by Anna Milbourne • How Much is a Million? by David Schwartz • If you Made a Million by David Schwartz • One Hundred Hungry Ants by Elinor J. Pinczes • Each Orange Had 8 Slices by Paul Giganti Jr.