

3RD GRADE MATH BOOK LIST

Unit	Topic	Books
1	Exploring equal groups as a FOUNDATION for multiplication and division	
2	Developing Conceptual Understanding of Area	<ul style="list-style-type: none"> • 100 Hungry Ants • Six Dinner Sid • Amanda Bean's Amazing Dream • The Grapes of Math • Hershey's Milk Chocolate Multiplication Book • Bigger, Better, Best! • Not Enough room! • Spaghetti and Meatballs for All! • Millions to Measure • How Tall, How Short, How far away? • Lemonade for Sale • Bart's Amazing Charts
3	Developing strategies for addition and subtraction	<ul style="list-style-type: none"> • <u>Coyotes All Around by Stuart Murphy</u> • 100 Hungry Ants • Six Dinner Sid • Amanda Beans' Amazing Dream • The Doorbell Rang • Two of Everything • <u>Zachary Zormer Shape Transformer</u> • <u>Spaghetti and Meatballs for ALL!</u> • <u>James' Frames- GM</u>
4	<i>Understanding Unit Fractions</i>	<ul style="list-style-type: none"> • Give Me Half • <u>The Hershey's Milk Chocolate Fraction Book</u> • <u>Pizza Counting</u>
5	Using fractions in measurement and data	<ul style="list-style-type: none"> • Give Me Half • <u>The Hershey's Milk Chocolate Fraction Book</u> • <u>Pizza Counting</u> • <u>Hershey's Milk Chocolate-Weights and Measures</u> • <u>Actual Size</u> • <u>How Big Is A Foot?</u> • <u>How Long? How Wide?</u>
6	Solving addition & subtraction problems with measurement	<ul style="list-style-type: none"> • <u>Pig on a Blanket - by Amy Axelrod</u> • <u>Game Time!- by Stuart J. Murphy</u> • <u>Get Up and Go!- by Stuart J. Murphy</u> • <u>Chimp Math- by Ann Whitehead</u> • <u>How Do You Know What Time It Is?- Robert E. Wells</u> • <u>Who Sank the Boat?</u> • <u>Counting on Frank</u> • <u>How Heavy How Much</u>

7	Understanding the relationship between multiplication and division	<ul style="list-style-type: none"> • One Hundred Hungry Ants • Six Dinner Sid • Amanda Beans' Amazing Dream • The Doorbell Rang • Two of Everything • Ten Times Better
8	Investigating patterns in number and operations	<ul style="list-style-type: none"> • The Napping House • Just Add Fun! • Among the Even and Odds • Coyotes All Around • Ten Times Better • Hands-On Standards • 100 Hungry Ants • Six Dinner Sid • Amanda Bean's Amazing Dream • The Doorbell Rang • Duck! Rabbit! • Is a Blue Whale the Biggest Thing There Is?
9	<i>Developing strategies</i> for multiplication and division	<ul style="list-style-type: none"> • <i>100 Hungry Ants</i> • Six Dinner Sid • The Grapes of Math • <i>Hershey's Milk Chocolate Multiplication Book</i> • The Doorbell Rang • Amanda Bean's Amazing Dream • Ten Times Better
10	Understanding Equivalent Fractions	<ul style="list-style-type: none"> • <i>Fraction Stories</i> • <i>Pizza Counting</i>
11	Comparing Fractions	<ul style="list-style-type: none"> • <i>Fraction Stories</i> • <i>Pizza Counting</i>
12	Solving Problems involving area	<ul style="list-style-type: none"> • Spaghetti and Meatballs • Millions to Measure • How Tall, How Short, How far away? • Lemonade for Sale • Bart's Amazing Charts
13	Solving Problems Involving Shapes	<ul style="list-style-type: none"> • <i>Zachary Zormer Shape Transformer</i> • <i>Spaghetti and Meatballs for ALL!</i> • Grandfather Tang's Story • The Greedy Triangle • Shape Up!
14	Using Multiplication and Division to Solve Measurement Problems	<ul style="list-style-type: none"> • Who Sank the Boat? • Counting on Frank • How Heavy How Much

		<ul style="list-style-type: none">• One Hundred Hungry Ants• Amanda Bean's Amazing Dream• The Doorbell Rang• Go Math Readers: <i>Collections Times Four; Here's what I do</i>
15	Demonstrating Computational Fluency in Problem Solving	<ul style="list-style-type: none">• <u>Multiplication on the Farm</u>• <u>100 Hungry Ants</u>• <u>The Doorbell Rang</u>• <u>Ten Times Better</u>