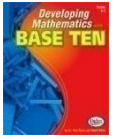
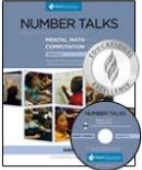
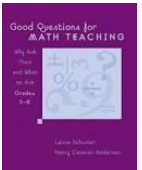


Cover	Title of Resource	Book Information	When Do I Use?
	<i>Extending Children's Mathematics: Fractions and Decimals</i>	This book provides easy to access ways to help children "visualize mathematics". Each lesson defines the specific concepts and skills that children will be taught.	Year-long Resource guide and student problems are posted in units.
	<i>Developing Mathematics- Base Ten</i>	This book came with the Base Ten Manipulative kits purchased in 2010-2011. It includes lessons and black-line masters, illustrations, challenge activities and suggestions for classroom discussion.	As needed for supplemental instruction
	<i>Number Talks</i>	This book is designed to help students build mental math and computation strategies that develop fluency. The book is divided into grade level & strategy specific sections.	Year-long Resource guides are linked in the Number Talks section of each unit.
	<i>Classroom Discussions K-6</i>	This book dives into the significant role that classroom discussions can play in teaching mathematics and deepening students' mathematical understanding and learning. There are classroom vignettes and examples throughout the book.	For Pedagogy Study
	<i>Good Questions for Math Teaching (K-6)</i>	This book provides thought-provoking questions that can transform your mathematics learning environment. The book is organized by subject area and age group. You can locate the topic and select questions appropriate for your students.	Year-long
	<i>Good Questions for Math Teaching (5-8)</i>	This book provides open-ended questions that promote students' mathematical thinking, understanding, and proficiency. The book is organized by subject area and age group. You can locate the topic and select questions appropriate for your students.	Year-long
	<i>Mastering the Basic Math Facts: Multiplication and Division</i> *grade level copy	This book explores ways to support all students in mastering multiplication and division facts. It focuses on big ideas, strengthening students' understanding of math operations, developing strategic thinking and providing varied and engaging tasks to promote fluency.	As needed for intervention purposes *grade level copy

Cover	Title of Resource	Book Information	When Do I Use?
Contexts for Learning Mathematics Units			
	<i>The Box Factory</i>	<p>This unit's focus is on deepening and extending students' understanding of multiplication, specifically the associative and commutative properties and their use with computation, and the extension of an understanding of two-dimensional rectangular arrays to three-dimensional arrays with rectangular prisms. As the unit progresses, formulas for area, surface area of rectangular prisms, and volume are generalized and the relationship between surface area and volume is explored in context.</p>	Unit 1
	<i>Field Trips and Fundraisers</i>	<p>This unit explores big ideas related to fractions through the context of fair sharing submarines sandwiches on a school field trip. Students explore the connection between division and fractions as well as ways to compare fractional amounts.</p>	Unit 2
	<i>The Mystery of the Meter</i>	<p>In this unit, five meter dials on the side of a house initiate a series of investigations focusing on decimals. Because students can see how the numbers expressed as decimals increase over time, the meter is a powerful tool for students to use to determine equivalents and examine how decimals increase and are ordered. Place value understandings are the focus, and computation with decimals is related to whole-number computation.</p>	Unit 3
	<i>Exploring Parks and Playgrounds</i>	<p>This unit uses the context of road race results and training data to construct big ideas and strategies related to multiplication and division with fractions as well as the relationship between these operations. As the unit progresses, students multiply fractions by other fractions and equivalent forms of fractions (decimals). The double open number line, the open array, and the ratio table are used as helpful models to support fluent computation with rational numbers.</p>	Unit 4
	<i>Best Buys, Ratios, and Rates</i>	<p>This unit uses the context of comparison shopping to explore equivalence of fractions, proportional reasoning and rates. Ratios tables are used to help students organize their process. As the unit progresses, students use the double open number line for addition and subtraction of fractions.</p>	Unit 4
	<i>Mini-lessons for Operations with Fractions, Decimals, and Percents</i>	<p>This yearlong resource includes 77 minilessons structured as strings of related computation problems, generating discussion of certain strategies or big ideas in the landscape of learning multiplication and division, particularly using numbers with two and three digits. These minilessons are designed to be used at the start of your math instructional time and last for 10 to 15 minutes.</p>	Year-long