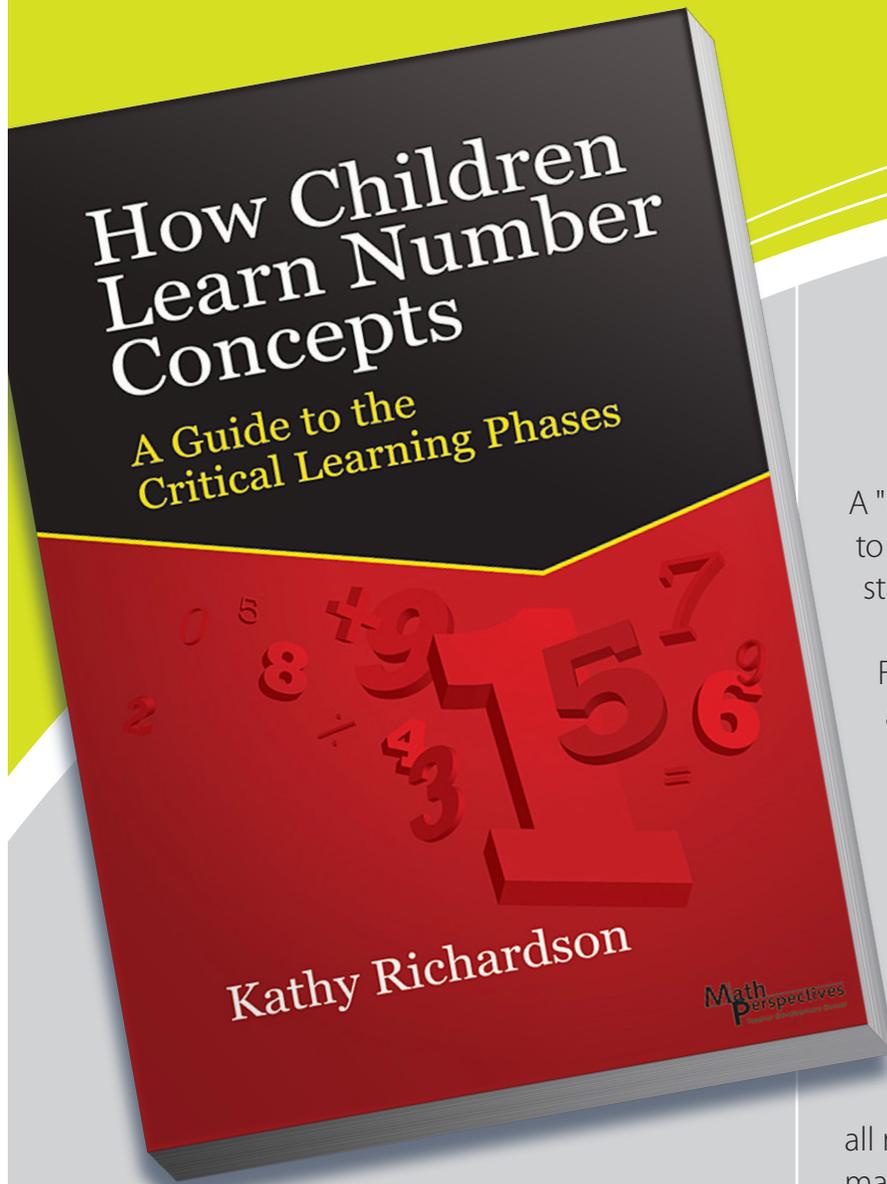


How Children Learn Number Concepts

A Guide to the Critical Learning Phases

by Kathy Richardson



A "must-have" book for every educator wanting to know how young children develop an understanding of number concepts.

Find out how children learn number concepts and how they should be taught if they are to have a deep understanding of the mathematics critical to their future success.

Through her years of research and extensive work with young children, Richardson has identified the stages, or **Critical Learning Phases**, children go through as they develop mathematical understanding. This resource will help all math educators understand how children make sense of numbers and what mathematics they are ready to learn at each phase of development.

About the Author: Kathy Richardson, one of the nation's most respected math educators, has dedicated her life to researching how children learn number concepts. A former classroom teacher, she is currently an author, professional development leader, national speaker, and Program Director for Math Perspectives Teacher Development Center.



The mission of **Math Perspectives Teacher Development Center** is to provide Pre-K to 5th grade

mathematics educators with tools, strategies, and assessments that will ensure that all students are successful in the study of mathematics and are able to use mathematics to solve problems and to think and reason mathematically.

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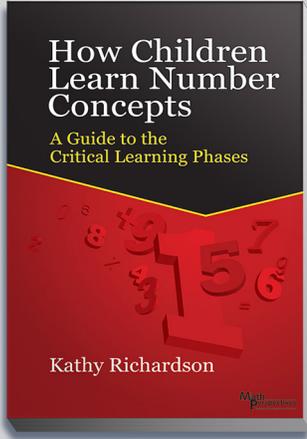
by *Kathy Richardson*

"I hope every teacher of young children, every parent, every administrator and every educational policy maker will read this book. Kathy has studied children's thinking about mathematics for decades and has now written a book that will help us all understand the critical stages of development in young children's thinking that are essential to building a solid foundation for numerical reasoning.

Educational policymakers will come to understand the complexity of the ideas that young children encounter in thinking about number, and they, and we, will better understand that pushing abstract mathematical ideas too early in the grades can actually undermine children's efforts to come to know and understand numbers and our number system.

As a grandparent, I learned a lot from this book about where to focus while helping my grandchildren with early number concepts. This book is a wonderful gift to teachers and parents alike who want to help young children make sense of early number concepts."

Ruth Parker
CEO of Mathematics Education Collaborative (MEC)



Overview

How Children Learn Number Concepts
A Guide to the Critical Learning Phases
by *Kathy Richardson*

Grades: K-5

Price: \$24.95



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