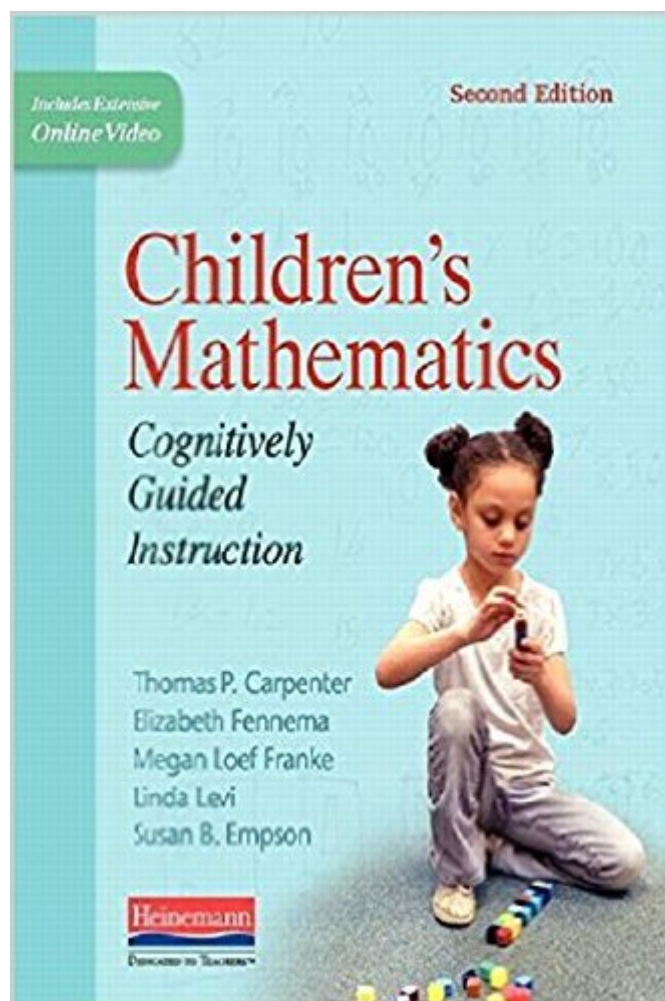


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# Children's Mathematics, Second Edition: Cognitively Guided Instruction



## Synopsis

Explore the new edition-including video clips, a sample chapter, and related blogs-at [Heinemann.com/ChildrensMath](http://Heinemann.com/ChildrensMath) The bestselling first edition of Children's Mathematics helped hundreds of thousands of teachers understand children's intuitive mathematical thinking and use that knowledge to help children learn mathematics with understanding. The highly anticipated Second Edition provides new insights about Cognitively Guided Instruction based on the authors' research and experience in CGI classrooms over the last 15 years. Highlights include: how children solve problems using their intuitive understanding of addition, subtraction, multiplication, and division the development of children's mathematical thinking throughout the primary grades instructional practices that promote children's active engagement in mathematics connections between children's strategies and powerful mathematical concepts A new expanded collection of over 90 online video episodes illustrating children's mathematical thinking, interactions between students and teachers, and classroom instruction that builds on children's mathematical thinking. Together, the Second Edition and videos provide a detailed research-based account of the development of children's mathematical thinking and problem solving, and how teachers can promote this development in ways that honor children's thinking. Save money when you buy all three books in the Cognitively Guided Instruction series together: Children's Mathematics, Extending Children's Mathematics, and Thinking Mathematically

## Book Information

Paperback: 240 pages

Publisher: Heinemann; Revised ed. edition (October 27, 2014)

Language: English

ISBN-10: 0325052875

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Product Dimensions: 7.4 x 0.5 x 9.2 inches

Shipping Weight: 14.4 ounces (View shipping rates and policies)

Average Customer Review: 4.9 out of 5 stars [See all reviews](#) (17 customer reviews)

Best Sellers Rank: #18,263 in Books (See Top 100 in Books) #42 in [Books > Textbooks > Education > Elementary Education](#) #51 in [Books > Education & Teaching > Schools & Teaching > Instruction Methods > Mathematics](#) #67 in [Books > Education & Teaching > Schools & Teaching > Certification & Development](#)

Age Range: 5 - 10 years

Grade Level: Kindergarten - 5

## Customer Reviews

The ability to see a video of students working math problems through the use of bar codes is the best idea I have seen in a teacher resource in 30+ years of teaching. The book was fantastic before, but the updates make it a teacher must have. We use Cognitive Guided Instruction in our K-8 district for math instruction. My son is a sophomore at the high school. His geometry math teacher requires parents to attend individual tutoring sessions on Saturdays. I found the teacher to be very skilled in following the student's lead in working through problems. When I commented on how well he supported student learning, he turned and pulled Children's Mathematics off of his shelf to share with me. He was surprised to find out it is a resource in the hands of every elementary teacher in our district. He had purchased the book as a resource when going to work in the Peace Corps.

Excellent update to the first edition. Great text for teaching math methods, and for practicing teachers professional development. Plentiful links to video examples makes the practice come to life.

Great resource to teachers who are trying to implement CGI, or just good teaching of mathematics in their classroom.

Love the work with partners!

As a teacher who struggles with math curriculum, this book has served as an excellent resource. Simply written and well-organized.

Great examples for improving math education

Quick Shipping - Great Product....

Awesome books. Great lessons.

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Psychology (Personality-Guided Psychology) Word Journeys: Assessment-Guided Phonics, Spelling, and Vocabulary Instruction Librarian's Guide to Online Searching: Cultivating Database Skills for Research and Instruction, 4th Edition: Cultivating Database Skills for Research and Instruction The Bride's Instruction Manual: How to Survive and Possibly Even Enjoy the Biggest Day of Your Life (Owner's and Instruction Manual) Guided Reading: Good First Teaching for All Children (F&P Professional Books and Multimedia) Instruction for All Students Second Edition Strategy Instruction for Students with Learning Disabilities, Second Edition (What Works for Special-Needs Learners) Children's Spanish book: ¡Nunca, Nunca, Nunca Te Rindas! Modelando a Usain Bolt y Derek Redmond (Cuentos para Niños, Children's spanish books): Children's ... Todos podemos nº 2) (Spanish Edition) Epilepsy In Children: Guide For Parents & Carers On Seizures, Emergencies & Everything Else You Should Know (Epilepsy In Children, Seizures In Children Book 1) Teacher Created Materials - TIME For Kids Informational Text: Demonios de la profundidad (Demons of the Deep) - Grade 5 - Guided Reading Level T (Time ... Readers: Level 5.0) (Spanish Edition) Teacher Created Materials - TIME For Kids Informational Text: Insectos constructores (Bug Builders) - Grade 4 - Guided Reading Level Q (Time for Kids Nonfiction Readers: Level 4.1) (Spanish Edition) Teacher Created Materials - TIME For Kids Informational Text: Animales arquitectos (Animal Architects) - Grade 4 - Guided Reading Level Q (Time for ... Readers: Level 4.1) (Spanish Edition) Teacher Created Materials - TIME For Kids Informational Text: La vida de una mariposa (A Butterfly's Life) - Grade 1 - Guided Reading Level E (Time ... Readers: Level 1.5) (Spanish Edition) Teacher Created Materials - TIME For Kids Informational Text: La vida de una rana (A Frog's Life) - Grade 1 - Guided Reading Level E (Time for Kids Nonfiction Readers: Level 1.5) (Spanish Edition) Teacher Created Materials - TIME For Kids Informational Text: La vida marina (Sea Life) - Grade 1 - Guided Reading Level F (Time for Kids Nonfiction Readers: Level 1.6) (Spanish Edition) Teacher Created Materials - TIME For Kids Informational Text: La vida de una abeja (A Bee's Life) - Grade 1 - Guided Reading Level E (Time for Kids Nonfiction Readers: Level 1.5) (Spanish Edition) The Americans: Spanish/English Guided Reading Workbook Reconstruction to the 21st Century (Spanish Edition) Libertad A Traves Del Perdon (Guided Growth Booklets Spanish) (Spanish Edition)

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