



Children's Mathematics, Second Edition: Cognitively Guided Instruction

By Thomas P Carpenter, Elizabeth Fennema, Megan Loef Franke,
Linda Levi, Susan B. Empson

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B. Empson

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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

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